

TRC

June 8, 2006

TRC
21 Technology Drive
Irvine, California 92618

ATTN: MR. JOHN NORDENSTAM

SITE: FORMER 76 STATION 0353
200 SOUTH CENTRAL AVENUE
GLENDALE, CALIFORNIA

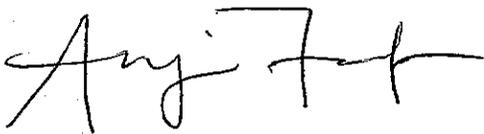
RE: QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2006

Dear Mr. Nordenstam:

Please find enclosed our Quarterly Monitoring Report for Former 76 Station 0353, located at 200 South Central Avenue, Glendale, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC



Anju Farfan
QMS Operations Manager

Enclosures
20-0400/0353R05.QMS



**QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2006**

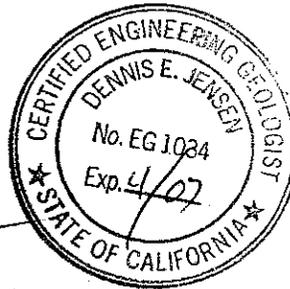
FORMER 76 STATION 0353
200 South Central Avenue
Glendale, California

Prepared For:

Ms. Shari London
CONOCOPHILLIPS COMPANY
3611 Harbor Boulevard Suite 200
Santa Ana, California 92704

By:

A handwritten signature in black ink that reads 'Dennis E. Jensen'.



Senior Project Geologist, Irvine Operations
May 17, 2006



LIST OF ATTACHMENTS

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Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
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Statement	Limitations

Summary of Gauging and Sampling Activities
April 2006 through June 2006
Former 76 Station 0353
200 South Central Avenue
Glendale, CA

Project Coordinator: **Shari London**
Telephone: **714-428-7720**

Water Sampling Contractor: **TRC**
Compiled by: **Alma Montaña**

Date(s) of Gauging/Sampling Event: **04/10/06**

Sample Points

Groundwater wells: **4** onsite, **5** offsite Wells gauged: **9** Wells sampled: **8**
Purging method: **Submersible pump**
Purge water disposal: **Crosby and Overton treatment facility**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**
LPH removal frequency: **n/a** Method: **n/a**
Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **96.73 feet** Maximum: **98.45 feet**
Average groundwater elevation (relative to available local datum): **419.10 feet**
Average change in groundwater elevation since previous event: **0.96 feet**
Interpreted groundwater gradient and flow direction:
 Current event: **0.002 ft/ft, west**
 Previous event: **0.004 ft/ft, west (01/17/06)**

Selected Laboratory Results

Wells with detected **Benzene**: **0** Wells above MCL (1.0 µg/l): **n/a**
 Maximum reported benzene concentration: **n/a**

Wells with **TPH-G by GC/MS** **0**
Wells with **MTBE** **6** Maximum: **4.7 µg/l (MW-3A)**
Wells with **TBA 8260B** **0**

Notes:

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND <	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: $\text{Surface Elevation} - \text{Measured Depth to Water} + (\text{Dp} \times \text{LPH Thickness})$, where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.

REFERENCE

TRC began groundwater monitoring and sampling for Former 76 Station 0353 in January 2005. Historical data compiled prior to that time were provided by EP Associates.

Contents of Tables

Site: Former 76 Station 0353

Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8260B)	TBA	Comments
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Table 1a	Well/ Date	Ethanol (8260B)	DIPE	ETBE	TAME	Iron Ferric	Iron Ferrous	Manganese (dissolved)	Nitrate	Sulfate	Alkalinity (total)	Pre-purge Dissolved Oxygen	Pre-purge ORP	
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Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8260B)	TBA	Comments
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Table 2a	Well/ Date	Ethanol (8260B)	DIPE	ETBE	TAME	Iron Ferric	Iron Ferrous	Manganese (dissolved)	Nitrate	Sulfate	Alkalinity (total)	Pre-purge Dissolved Oxygen	Pre-purge ORP	
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Table 1
SUMMARY OF GROUNDWATER LEVELS AND CHEMICAL ANALYSIS RESULTS
April 10, 2006
Former 76 Station 0353

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8260B)	TBA	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1A		(Screen Interval in feet: DNA)												
04/10/06	517.74	98.44	0.00	419.30	0.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<10	
MW-2		(Screen Interval in feet: 90-119)												
04/10/06	517.78	98.45	0.00	419.33	0.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	0.38	ND<10	
MW-3A		(Screen Interval in feet: DNA)												
04/10/06	517.10	97.98	0.00	419.12	0.82	--	ND<50	ND<0.50	0.17	ND<0.50	ND<1.0	4.7	ND<10	
MW-4		(Screen Interval in feet: 80-119)												
04/10/06	516.50	97.47	0.00	419.03	0.82	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	0.29	ND<10	
MW-5		(Screen Interval in feet: 90-119)												
04/10/06	515.80	96.80	0.00	419.00	0.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	0.19	ND<10	
MW-6		(Screen Interval in feet: DNA)												
04/10/06	517.35	98.05	0.00	419.30	1.87	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	0.22	ND<10	
MW-7		(Screen Interval in feet: 90-120)												
04/10/06	516.88	97.91	0.00	418.97	0.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<10	
MW-8		(Screen Interval in feet: 90-119)												
04/10/06	516.26	97.27	0.00	418.99	0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	0.32	ND<10	
MW-9		(Screen Interval in feet: DNA)												
04/10/06	515.58	96.73	0.00	418.85	0.87	--	--	--	--	--	--	--	--	Obstruction in well

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
Former 76 Station 0353

Date Sampled	Ethanol (8260B)	DIPE	ETBE	TAME	Iron Ferri	Iron Ferrous	Manganese (dissolved)	Nitrate	Sulfate	Alkalinity (total)	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)
MW-1A												
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--
MW-2												
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--
MW-3A												
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	46000	230	5.9	6.6	110	350	--	--
MW-4												
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	1400	210	ND<10	19	100	230	17.12	229
MW-5												
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--
MW-6												
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--
MW-7												
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	1700	170	ND<10	11	170	200	14.92	207
MW-8												
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--

Table 2
HISTORIC GROUNDWATER LEVELS AND CHEMICAL ANALYSIS RESULTS
September 2004 Through April 2006
Former 76 Station 0353

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE (8260B) (µg/l)	TBA (µg/l)	Comments
MW-1 (Screen Interval in feet: 90-128)														
09/02/04	--	--	--	--	--	19	--	ND<1.0	ND<1.0	ND<1.0	ND<3.0	27.7	ND<50	
09/10/04	518.79	102.70	0.00	416.09	--	--	--	--	--	--	--	--	--	
01/04/05	518.79	103.02	0.00	415.77	-0.32	ND<10	--	ND<1.0	ND<1.0	ND<1.0	ND<3.0	ND<1.0	ND<50	
05/09/05	518.79	101.85	0.00	416.94	1.17	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	0.23J	ND<50	
07/05/05	518.79	101.29	0.00	417.50	0.56	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	
MW-1A (Screen Interval in feet: DNA)														
10/11/05	517.74	100.28	0.00	417.46	--	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.4	ND<10	
01/17/06	517.74	99.25	0.00	418.49	1.03	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	0.26J	ND<10	
04/10/06	517.74	98.44	0.00	419.30	0.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<10	
MW-2 (Screen Interval in feet: 90-119)														
09/02/04	--	--	--	--	--	13	--	ND<1.0	ND<1.0	ND<1.0	ND<3.0	14.9	ND<50	
09/10/04	518.18	102.30	0.00	415.88	--	--	--	--	--	--	--	--	--	
01/04/05	518.18	102.59	0.00	415.59	-0.29	ND<10	--	ND<1.0	ND<1.0	ND<1.0	ND<3.0	ND<1.0	ND<50	
05/09/05	518.18	101.58	0.00	416.60	1.01	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	0.57J	ND<50	
07/05/05	518.18	101.08	0.00	417.10	0.50	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	
10/11/05	517.78	100.36	0.00	417.42	0.32	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	0.38J	ND<10	
01/17/06	517.78	99.33	0.00	418.45	1.03	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	
04/10/06	517.78	98.45	0.00	419.33	0.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	0.38	ND<10	
MW-3 (Screen Interval in feet: 90-119)														
09/02/04	--	--	--	--	--	185	--	2.6	ND<1.0	0.5J	ND<3.0	217	ND<50	
09/10/04	517.76	101.86	0.00	415.90	--	--	--	--	--	--	--	--	--	
01/04/05	517.76	102.15	0.00	415.61	-0.29	ND<10	--	ND<1.0	ND<1.0	ND<1.0	ND<3.0	18.7	ND<50	
05/09/05	517.76	100.95	0.00	416.81	1.20	--	32J	ND<1.0	ND<1.0	ND<1.0	ND<1.0	21	ND<50	

Table 2
HISTORIC GROUNDWATER LEVELS AND CHEMICAL ANALYSIS RESULTS
September 2004 Through April 2006
Former 76 Station 0353

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8260B) (µg/l)	TBA (µg/l)	Comments
MW-3 continued														
07/05/05	517.76	100.42	0.00	417.34	0.53	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.6	ND<10	
MW-3A (Screen Interval in feet: DNA)														
10/11/05	517.10	101.30	0.00	415.80	--	--	33J	ND<1.0	ND<1.0	ND<1.0	ND<1.0	50	ND<10	
01/17/06	517.10	98.80	0.00	418.30	2.50	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.0	ND<10	
04/10/06	517.10	97.98	0.00	419.12	0.82	--	ND<50	ND<0.50	0.17	ND<0.50	ND<1.0	4.7	ND<10	
MW-4 (Screen Interval in feet: 80-119)														
09/02/04	--	--	--	--	--	33	--	ND<1.0	ND<1.0	ND<1.0	ND<3.0	44.5	ND<50	
09/10/04	517.31	102.20	0.00	415.11	--	--	--	--	--	--	--	--	--	
01/04/05	517.31	101.51	0.00	415.80	0.69	ND<10	--	ND<1.0	ND<1.0	ND<1.0	ND<3.0	ND<1.0	ND<50	
05/09/05	517.31	100.30	0.00	417.01	1.21	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	0.32J	ND<50	
07/05/05	517.31	99.85	0.00	417.46	0.45	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	0.20J	ND<10	
10/11/05	516.50	100.17	0.00	416.33	-1.13	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	
01/17/06	516.50	98.29	0.00	418.21	1.88	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	0.25J	ND<10	
04/10/06	516.50	97.47	0.00	419.03	0.82	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	0.29	ND<10	
MW-5 (Screen Interval in feet: 90-119)														
09/02/04	--	--	--	--	--	ND<10	--	ND<1.0	ND<1.0	ND<1.0	ND<3.0	ND<1.0	ND<50	
09/10/04	516.85	100.63	0.00	416.22	--	--	--	--	--	--	--	--	--	
01/04/05	516.85	100.93	0.00	415.92	-0.30	ND<10	--	ND<1.0	ND<1.0	ND<1.0	ND<3.0	ND<1.0	ND<50	
05/09/05	516.85	99.90	0.00	416.95	1.03	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	0.16J	ND<50	
07/05/05	516.85	99.33	0.00	417.52	0.57	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	0.23J	ND<10	
10/11/05	515.80	99.95	0.00	415.85	-1.67	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	
01/17/06	515.80	97.64	0.00	418.16	2.31	--	ND<50	0.22J	ND<1.0	ND<1.0	ND<1.0	0.18J	ND<10	
04/10/06	515.80	96.80	0.00	419.00	0.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	0.19	ND<10	

Table 2
HISTORIC GROUNDWATER LEVELS AND CHEMICAL ANALYSIS RESULTS
September 2004 Through April 2006
Former 76 Station 0353

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8260B)	TBA	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-6 (Screen Interval in feet: DNA)														
09/10/04	517.32	102.17	0.00	415.15	--	--	--	--	--	--	--	--	--	--
01/04/05	517.32	102.17	0.00	415.15	0.00	ND<10	--	ND<1.0	ND<1.0	ND<1.0	ND<3.0	8.0	ND<50	
05/09/05	517.32	101.03	0.00	416.29	1.14	--	92	2.5	3.6	3.5	11	ND<2.0	ND<50	
07/05/05	517.32	99.62	0.00	417.70	1.41	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.2J	ND<10	
10/11/05	517.35	99.93	0.00	417.42	-0.28	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.8J	ND<10	
01/17/06	517.35	99.92	0.00	417.43	0.01	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	
04/10/06	517.35	98.05	0.00	419.30	1.87	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	0.22	ND<10	
MW-7 (Screen Interval in feet: 90-120)														
09/10/04	516.78	101.92	0.00	414.86	--	--	--	--	--	--	--	--	--	
01/04/05	516.78	101.92	0.00	414.86	0.00	ND<10	--	ND<1.0	ND<1.0	ND<1.0	ND<3.0	2.0	ND<50	
05/09/05	516.78	100.75	0.00	416.03	1.17	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	0.22J	ND<50	
07/05/05	516.78	100.08	0.00	416.70	0.67	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	
10/11/05	516.88	100.36	0.00	416.52	-0.18	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	
01/17/06	516.88	98.75	0.00	418.13	1.61	--	ND<50	0.15J	0.18J	ND<1.0	ND<1.0	ND<2.0	ND<10	
04/10/06	516.88	97.91	0.00	418.97	0.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<10	
MW-8 (Screen Interval in feet: 90-119)														
09/10/04	516.14	100.32	0.00	415.82	--	--	--	--	--	--	--	--	--	
01/04/05	516.14	100.32	0.00	415.82	0.00	ND<10	--	ND<1.0	ND<1.0	ND<1.0	ND<3.0	1.2	ND<50	
05/09/05	516.14	100.15	0.00	415.99	0.17	--	89	4.1	3.3	0.65J	14	0.16J	ND<50	
07/05/05	516.14	99.51	0.00	416.63	0.64	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	0.20J	ND<10	
10/11/05	516.26	99.84	0.00	416.42	-0.21	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	
01/17/06	516.26	98.12	0.00	418.14	1.72	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	0.25J	ND<10	
04/10/06	516.26	97.27	0.00	418.99	0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	0.32	ND<10	

Table 2
HISTORIC GROUNDWATER LEVELS AND CHEMICAL ANALYSIS RESULTS
September 2004 Through April 2006
Former 76 Station 0353

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8260B) (µg/l)	TBA (µg/l)	Comments
MW-9 (Screen Interval in feet: DNA)														
09/10/04	515.50	100.82	0.00	414.68	--	--	--	--	--	--	--	--	--	
01/04/05	515.50	100.82	0.00	414.68	0.00	ND<10	--	ND<1.0	ND<1.0	ND<1.0	ND<3.0	ND<1.0	ND<50	
05/09/05	515.50	99.68	0.00	415.82	1.14	--	85	2.5	3.6	3.3	10	ND<2.0	ND<50	
07/05/05	515.50	99.00	0.00	416.50	0.68	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	
10/11/05	515.58	99.29	0.00	416.29	-0.21	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	
01/17/06	515.58	97.60	0.00	417.98	1.69	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	
04/10/06	515.58	96.73	0.00	418.85	0.87	--	--	--	--	--	--	--	--	Obstruction in well

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0353

Date Sampled	Ethanol (8260B)	DIPE	ETBE	TAME	Iron Ferric	Iron Ferrous	Manganese (dissolved)	Nitrate	Sulfate	Alkalinity (total)	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)
MW-1												
09/02/04	ND<500	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--
01/04/05	ND<1000	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--
05/09/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
07/05/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
MW-1A												
10/11/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
01/17/06	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--
MW-2												
09/02/04	ND<1000	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--
01/04/05	ND<1000	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--
05/09/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
07/05/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
10/11/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
01/17/06	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--
MW-3												
09/02/04	ND<1000	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--
01/04/05	ND<1000	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--
05/09/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	0.19	0.0026J	8.2	150	270	--	--
07/05/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	4900	0.12	ND<10	7.8	140	250	6.31	66
MW-3A												
10/11/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
01/17/06	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	46000	230	5.9	6.6	110	350	--	--

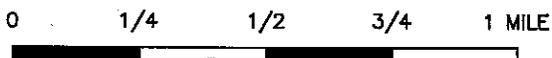
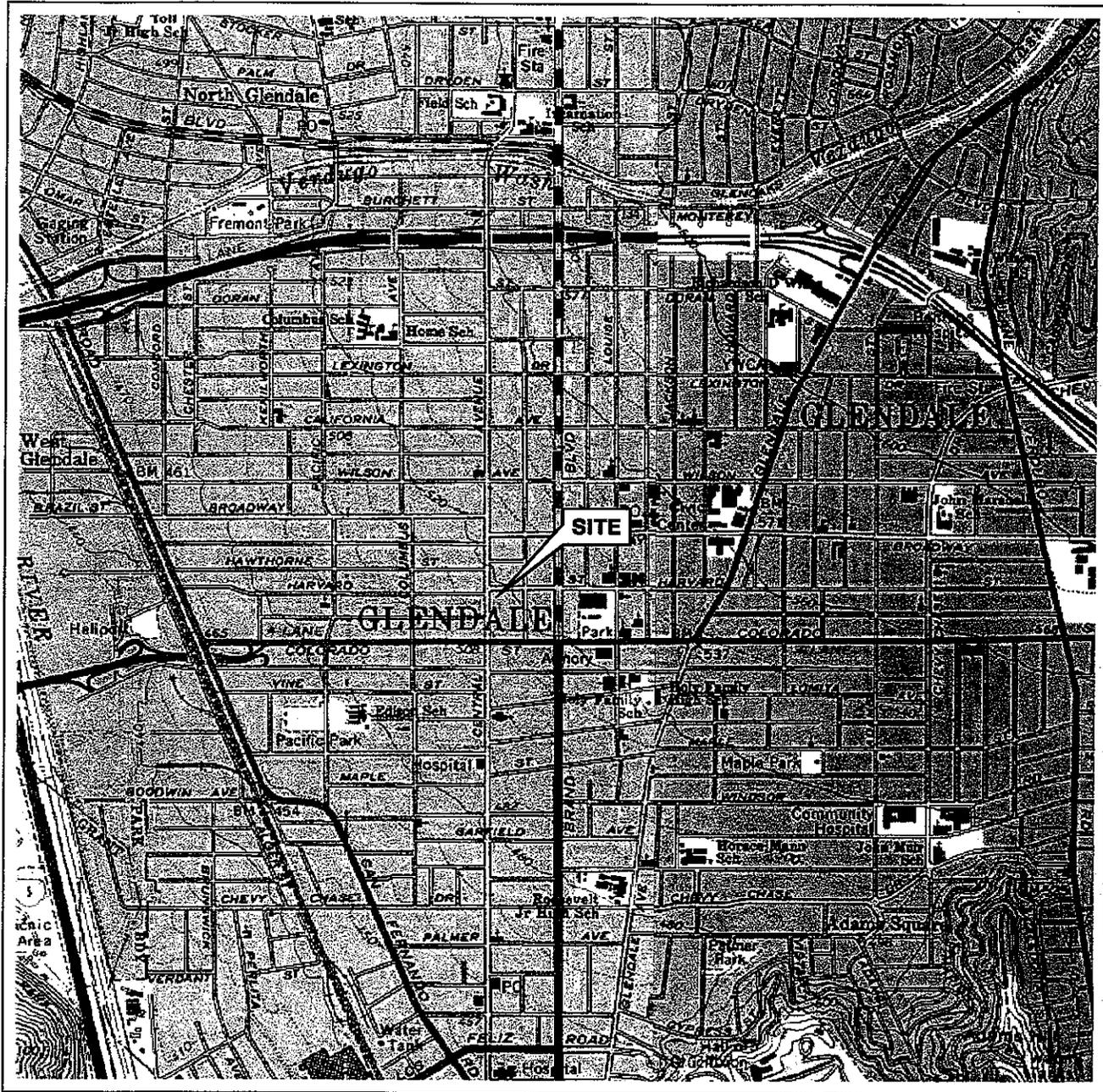
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0353

Date Sampled	Ethanol (8260B)	DIPE	ETBE	TAME	Iron Ferric	Iron Ferrous	Manganese (dissolved)	Nitrate	Sulfate	Alkalinity (total)	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)
MW-4												
09/02/04	ND<1000	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--
01/04/05	ND<1000	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--
05/09/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	0.31	0.0022J	21	130	340	--	--
07/05/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	20000	0.1	ND<0.01	21	130	200	4.72	80
10/11/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	0.15	ND<0.01	21	120	91	4.59	68
01/17/06	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	ND<0.1	ND<0.01	19	110	220	4.85	149
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	1400	210	ND<10	19	100	230	17.12	229
MW-5												
09/02/04	ND<1000	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--
01/04/05	ND<1000	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--
05/09/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
07/05/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
10/11/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
01/17/06	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--
MW-6												
01/04/05	ND<1000	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--
05/09/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
07/05/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
10/11/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
01/17/06	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--
MW-7												
01/04/05	ND<1000	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--
05/09/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	0.69	0.03	10	170	390	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0353

Date Sampled	Ethanol (8260B)	DIPE	ETBE	TAME	Iron Ferric	Iron Ferrous	Manganese (dissolved)	Nitrate	Sulfate	Alkalinity (total)	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)
MW-7 continued												
07/05/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	11000	0.11	ND<0.01	9.7	170	190	6.10	96
10/11/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	0.18	0.0055.J	9.2	170	110	5.89	74
01/17/06	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	ND<0.1	0.0078.J	10	170	190	5.89	124
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	1700	170	ND<10	11	170	200	14.92	207
MW-8												
01/04/05	ND<1000	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--
05/09/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
07/05/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
10/11/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
01/17/06	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
04/10/06	ND<250	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--
MW-9												
01/04/05	ND<1000	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--
05/09/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
07/05/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
10/11/05	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
01/17/06	ND<1000	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--

FIGURES



SCALE 1:24,000



SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Pasadena Quadrangle



VICINITY MAP

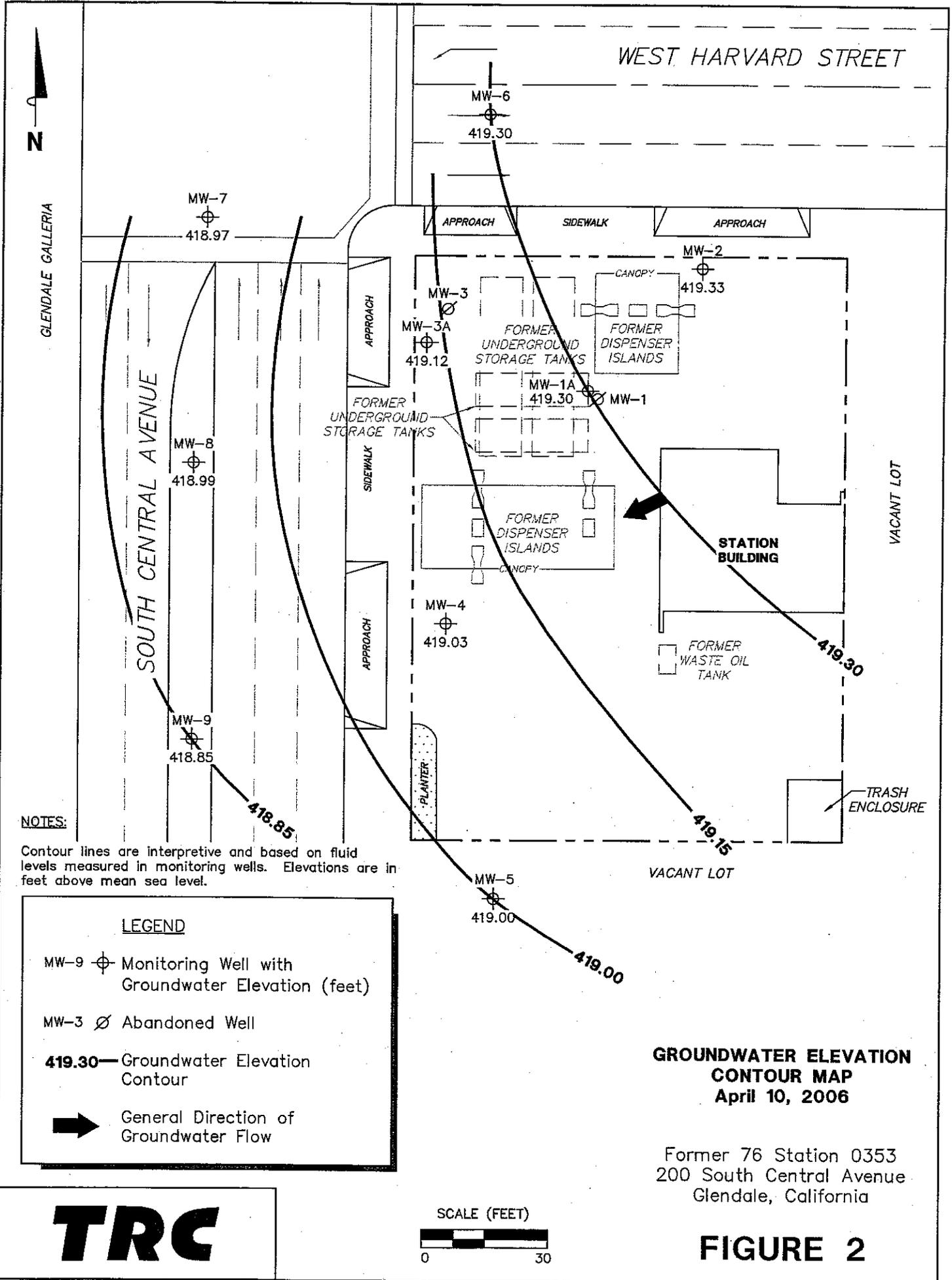
Former 76 Station 0353
200 South Central Avenue
Glendale, California

FIGURE 1

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TRC

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NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level.

LEGEND	
MW-9	Monitoring Well with Groundwater Elevation (feet)
MW-3	Abandoned Well
419.30	Groundwater Elevation Contour
	General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
April 10, 2006

Former 76 Station 0353
 200 South Central Avenue
 Glendale, California

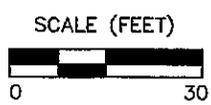
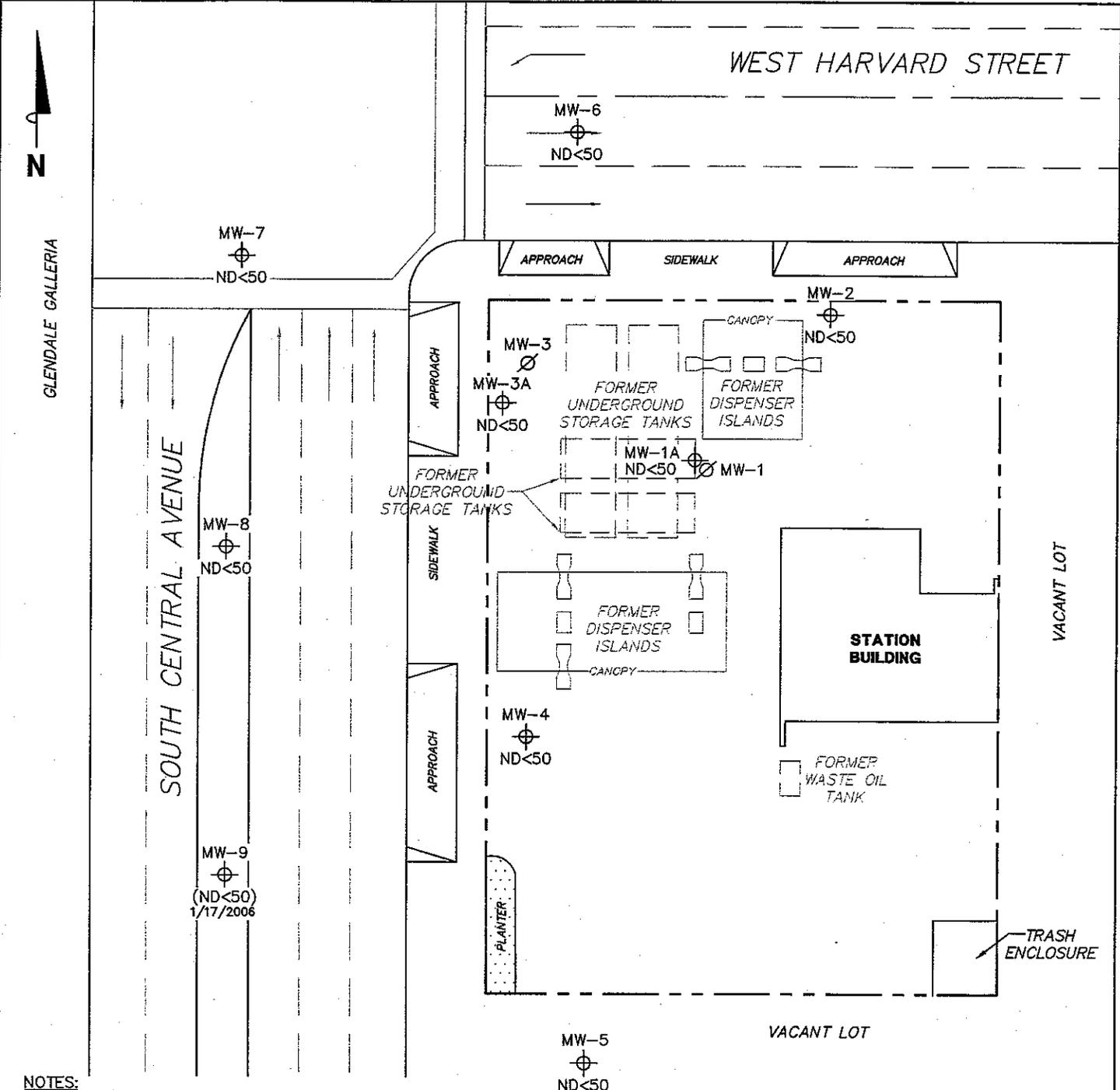


FIGURE 2

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NOTES:

TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8026B.
 µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
 () = representative of historical value.

LEGEND

MW-9 ⊕ Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

**DISSOLVED-PHASE
 TPH-G (GC/MS)
 CONCENTRATION MAP
 April 10, 2006**

Former 76 Station 0353
 200 South Central Avenue
 Glendale, California

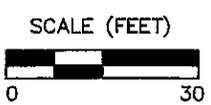


FIGURE 3

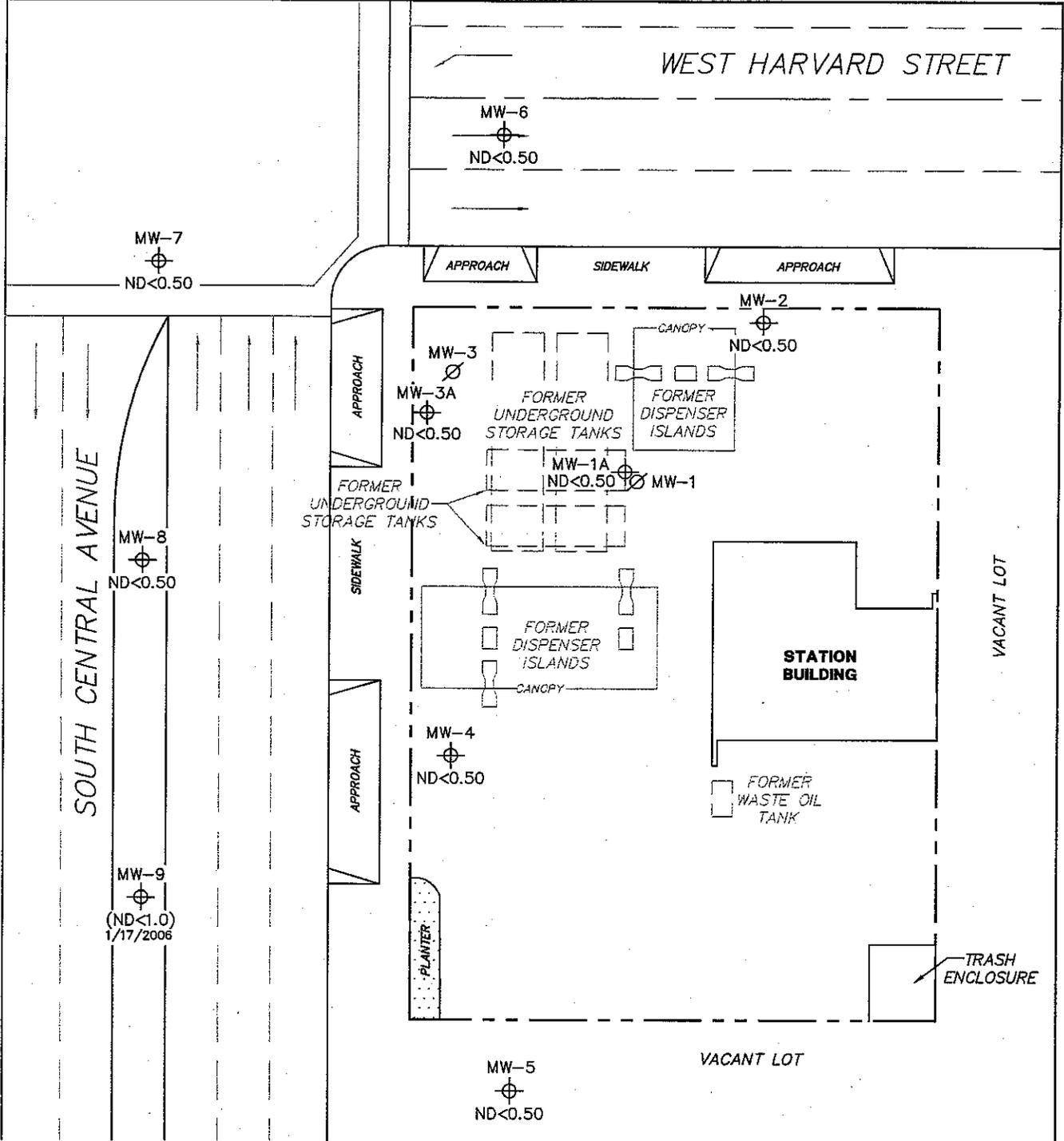
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GLENDALE GALLERIA

SOUTH CENTRAL AVENUE

WEST HARVARD STREET



NOTES:

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
() = representative of historical value.

LEGEND

MW-9 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

DISSOLVED-PHASE BENZENE CONCENTRATION MAP April 10, 2006

Former 76 Station 0353
200 South Central Avenue
Glendale, California

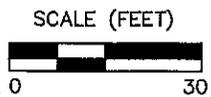


FIGURE 4

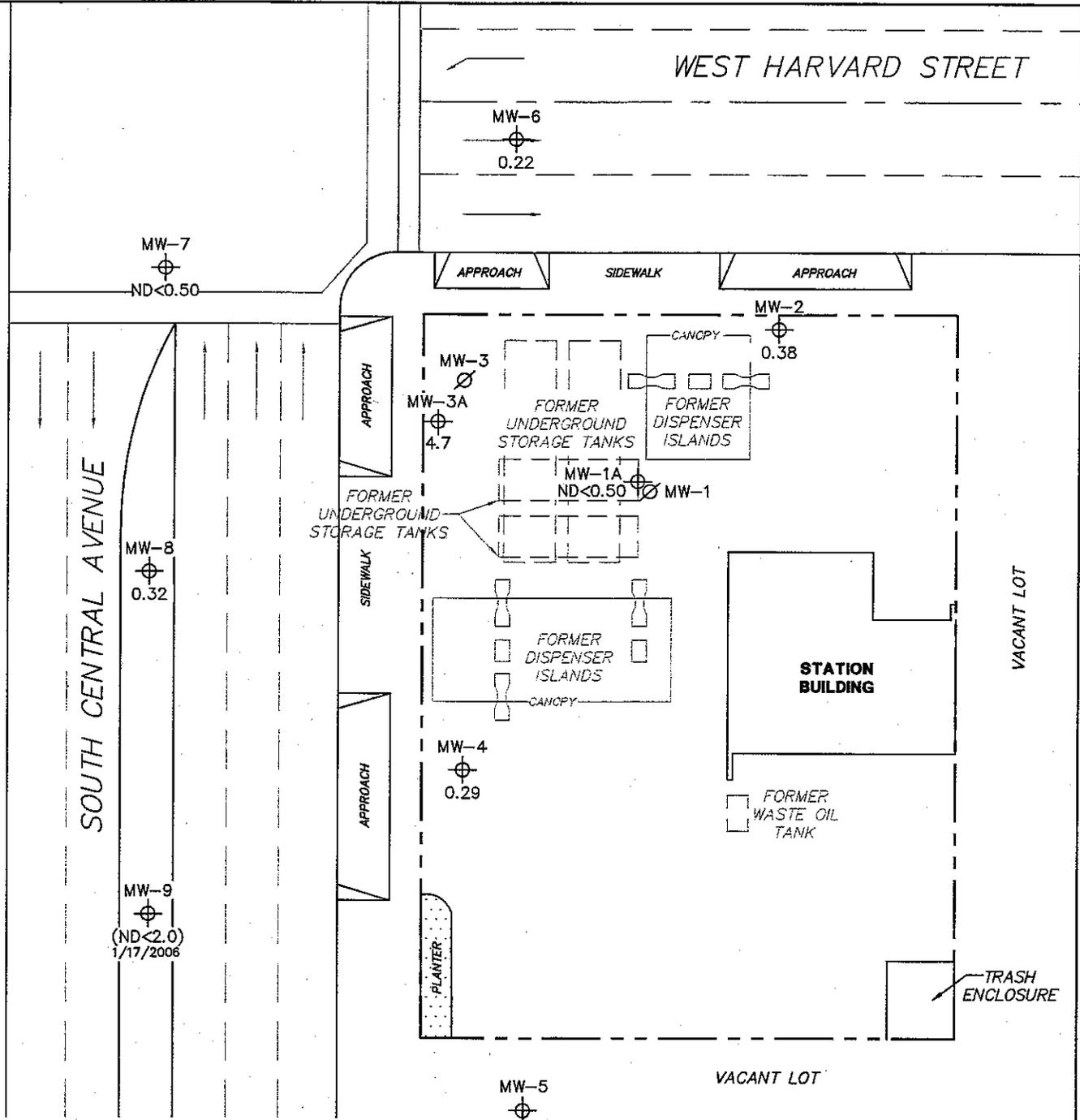
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LENDALE GALLERIA

SOUTH CENTRAL AVENUE

WEST HARVARD STREET



NOTES:

MTBE = methyl tertiary butyl ether.
 µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
 () = representative of historical value.
 Results obtained using EPA Method 8260B.

LEGEND

MW-9 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

DISSOLVED-PHASE MTBE CONCENTRATION MAP
April 10, 2006

Former 76 Station 0353
 200 South Central Avenue
 Glendale, California

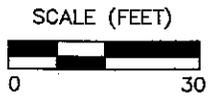
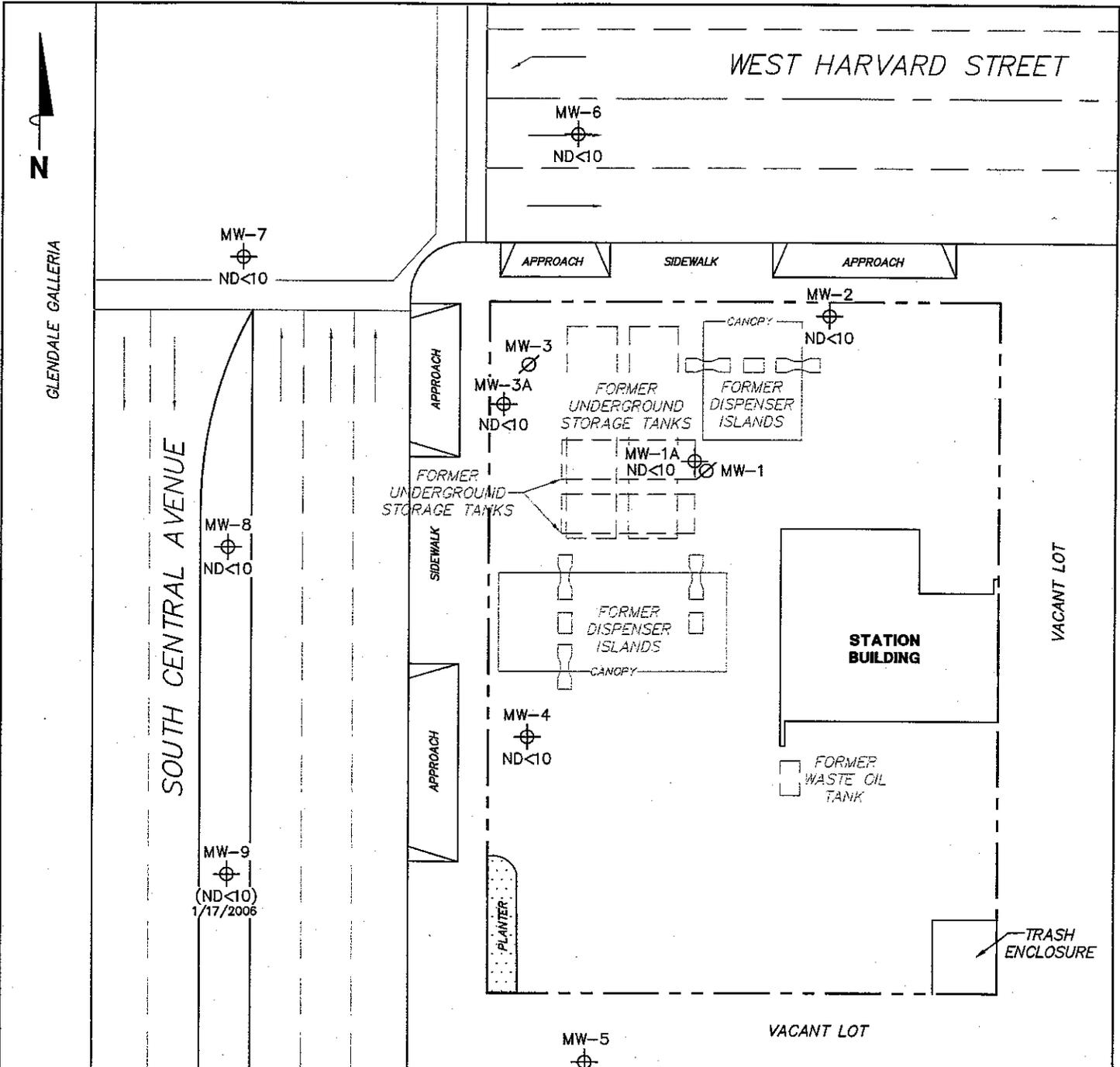


FIGURE 5

PS=1:1 0353-003 L:\Graphics\Projects\ByNumber\20-xxxx\20-0400(UnocalQMS)\x-0000\0353\0353qms.dwg Jun 05, 2006 - 12:57pm rhughes



NOTES:

TBA = tertiary butyl alcohol. $\mu\text{g/l}$ = micrograms per liter. ND = not detected at limit indicated on official laboratory report. () = representative of historical value. Results obtained using EPA Method 8260B.

LEGEND

MW-9 Monitoring Well with Dissolved-Phase TBA Concentration ($\mu\text{g/l}$)

DISSOLVED-PHASE TBA CONCENTRATION MAP
April 10, 2006

Former 76 Station 0353
200 South Central Avenue
Glendale, California

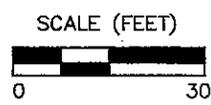
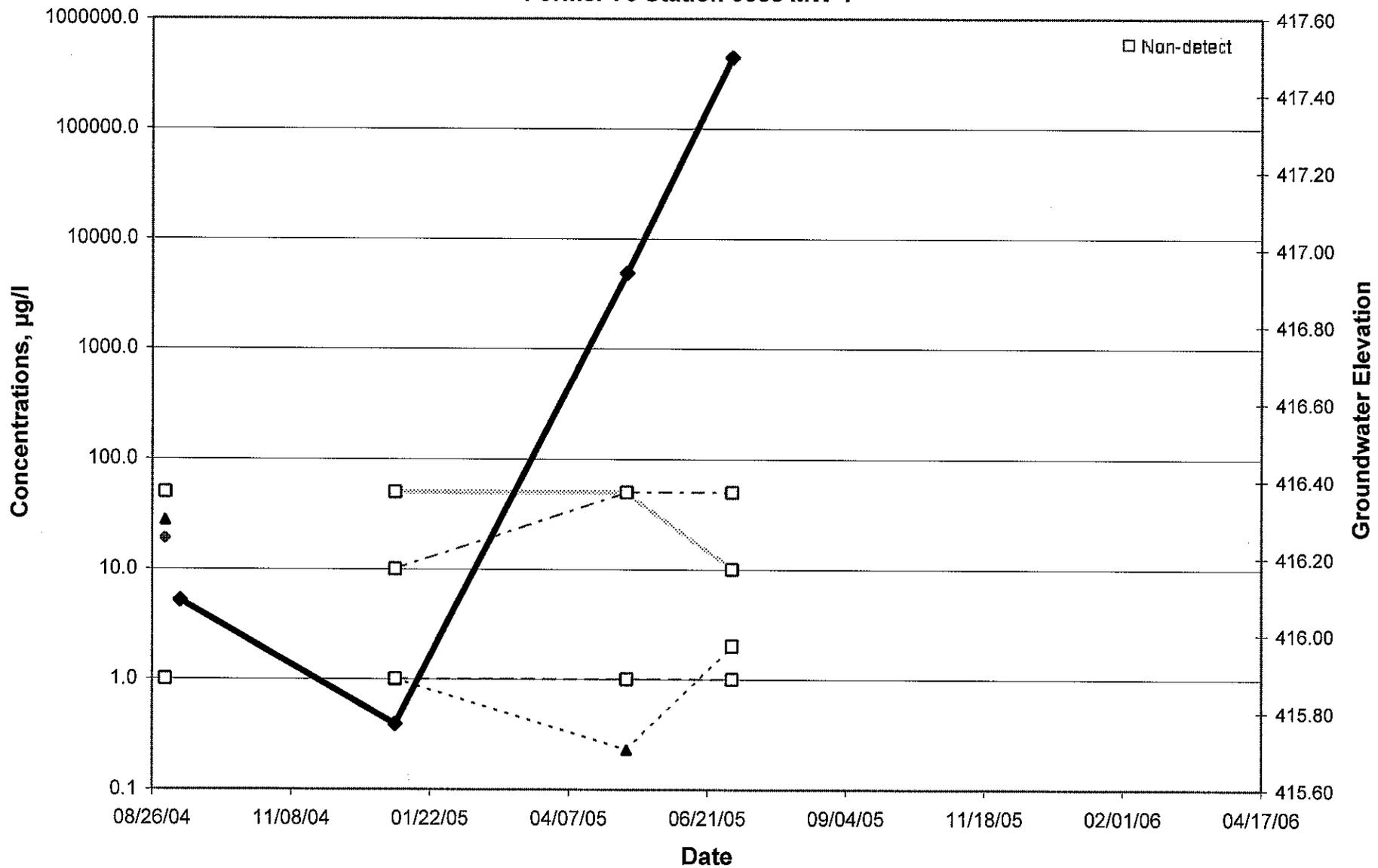


FIGURE 6

GRAPHS

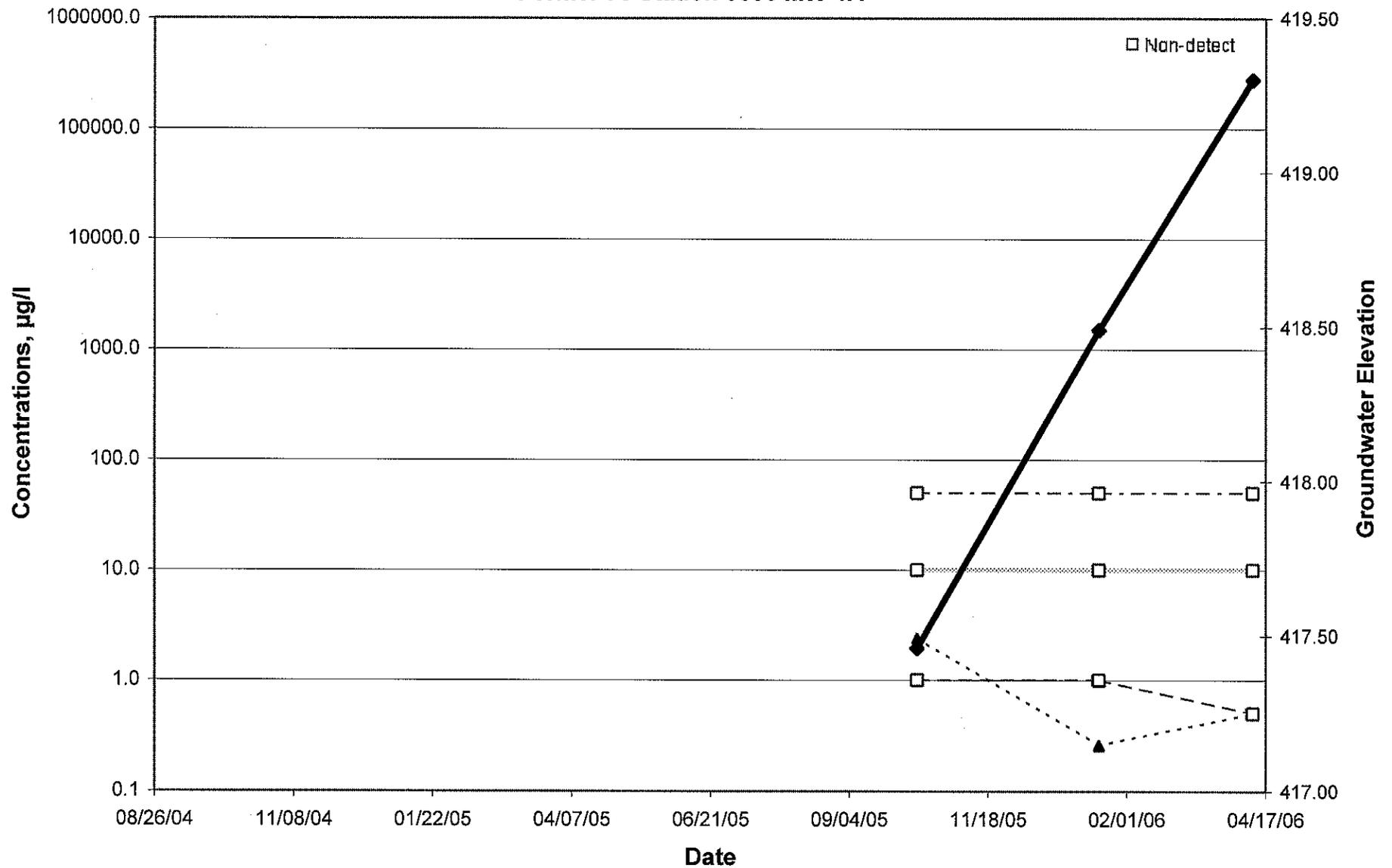
Analyte Concentrations, Hydrograph vs Time

Former 76 Station 0353 MW-1



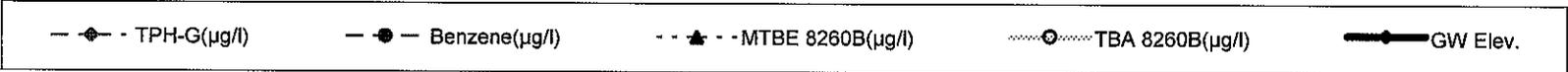
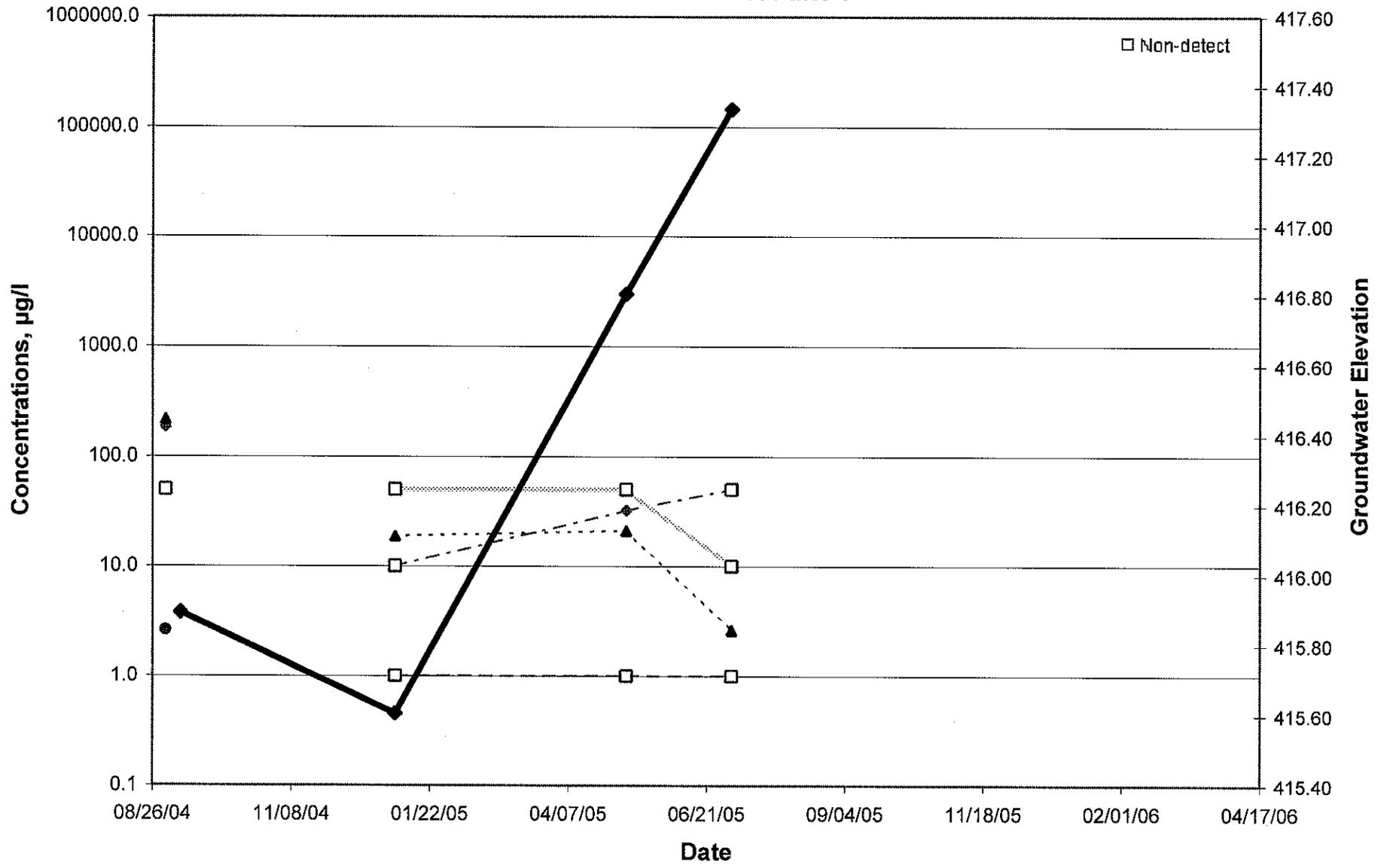
Analyte Concentrations, Hydrograph vs Time

Former 76 Station 0353 MW-1A



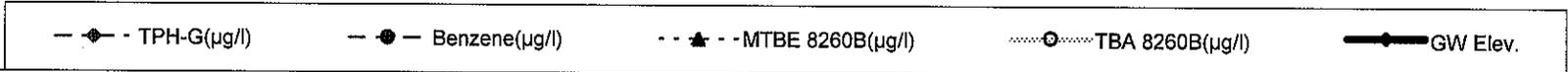
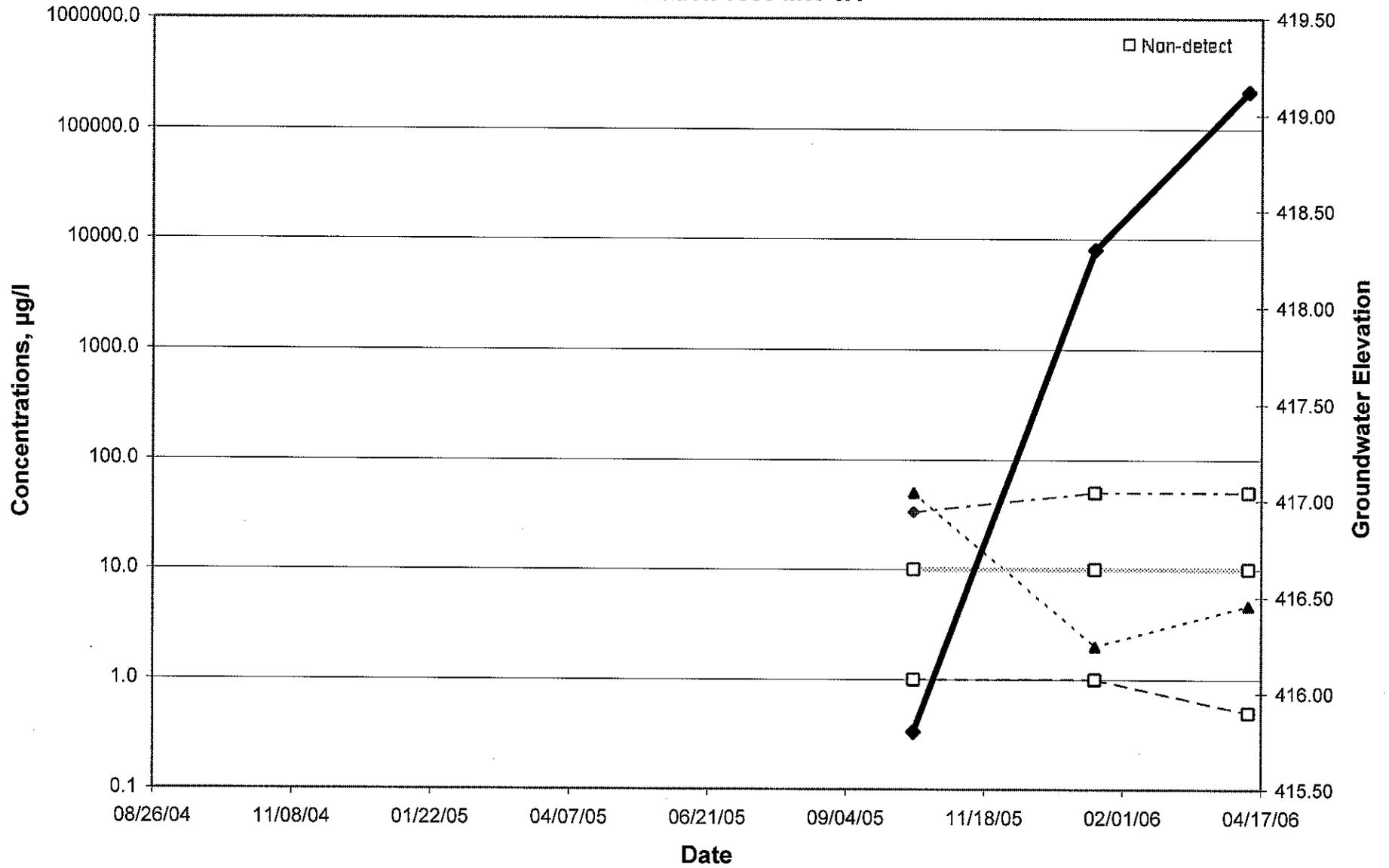
Analyte Concentrations, Hydrograph vs Time

Former 76 Station 0353 MW-3

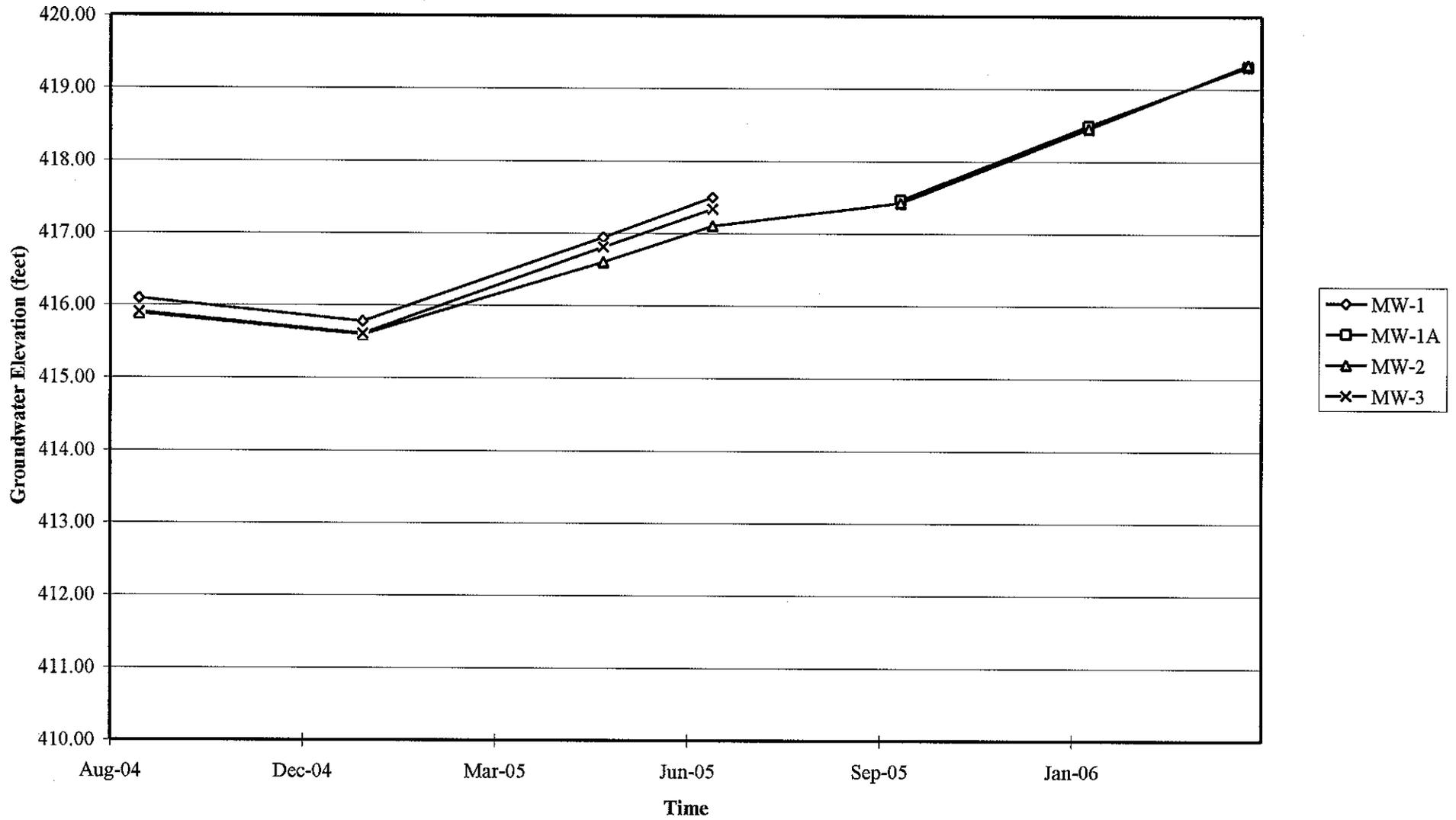


Analyte Concentrations, Hydrograph vs Time

Former 76 Station 0353 MW-3A

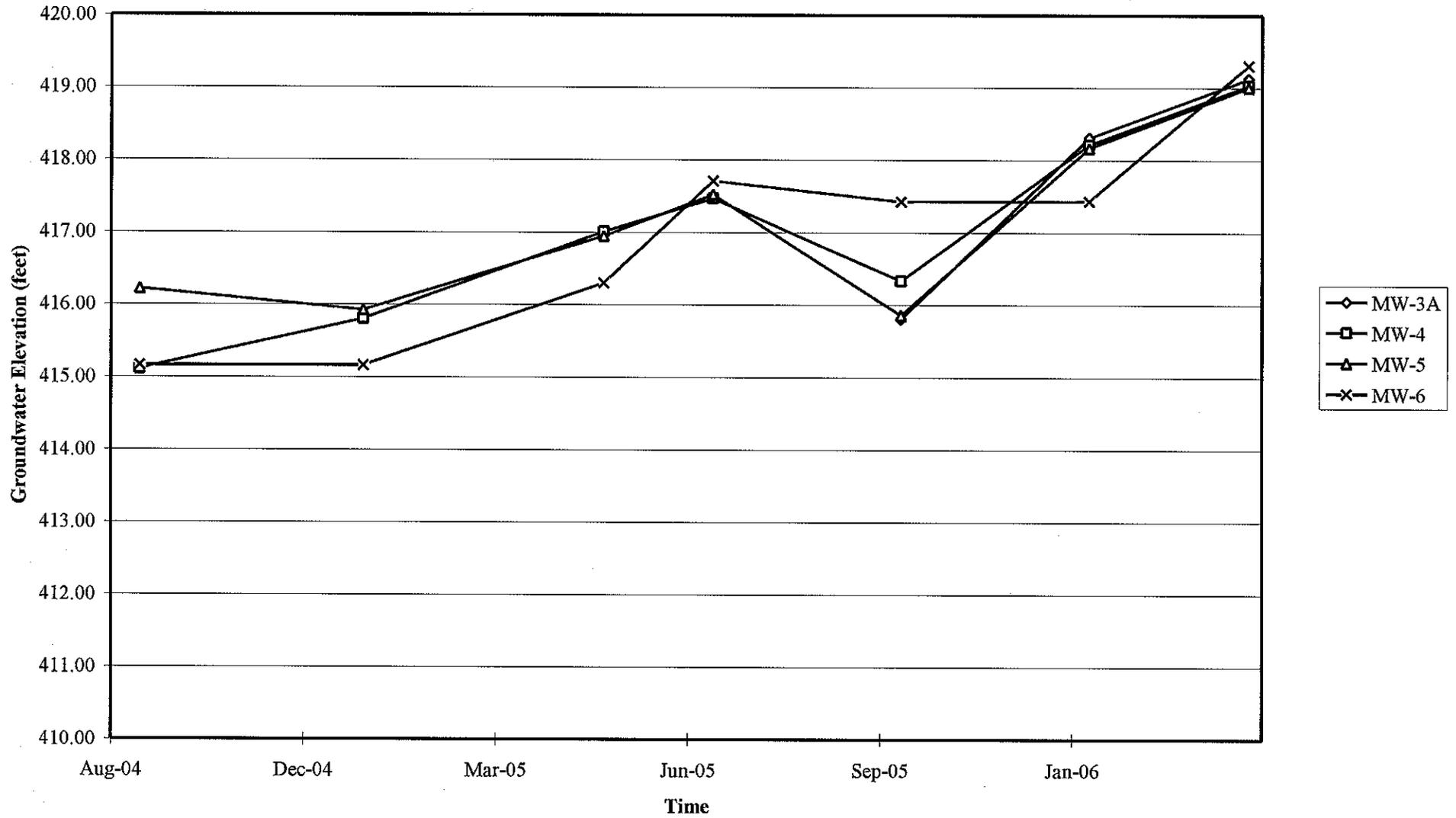


Groundwater Elevations vs. Time
Former 76 Station 0353



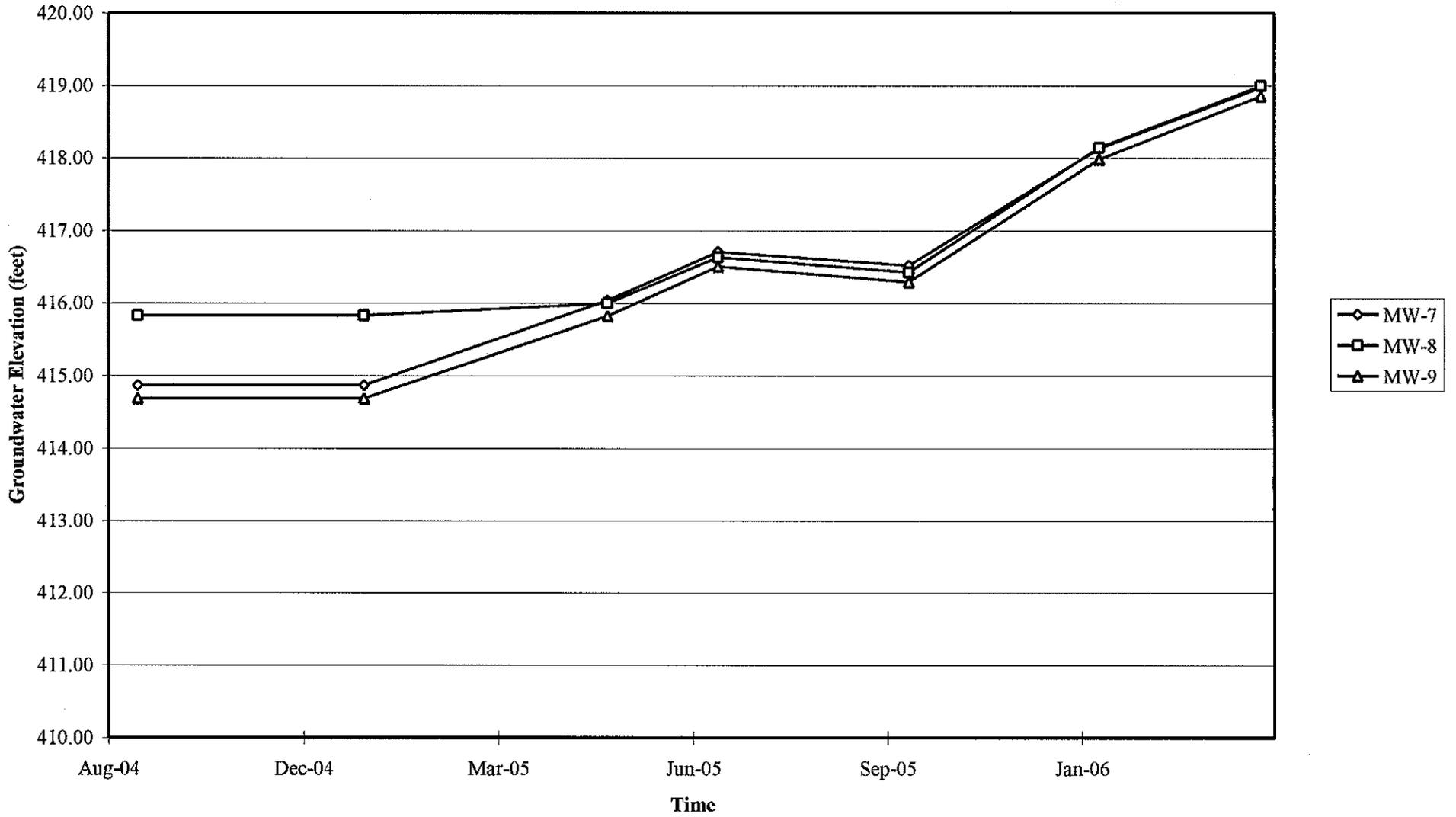
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
Former 76 Station 0353



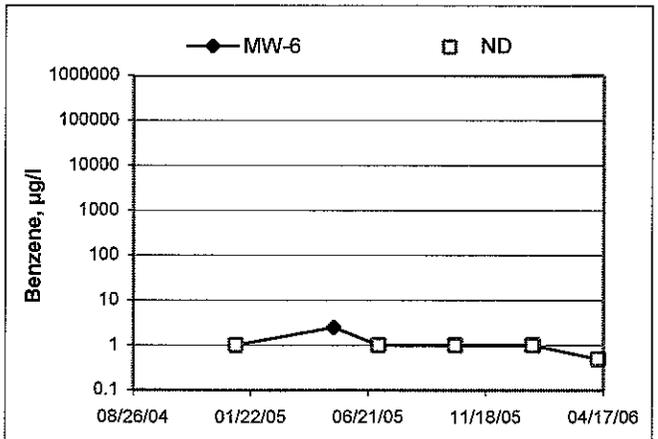
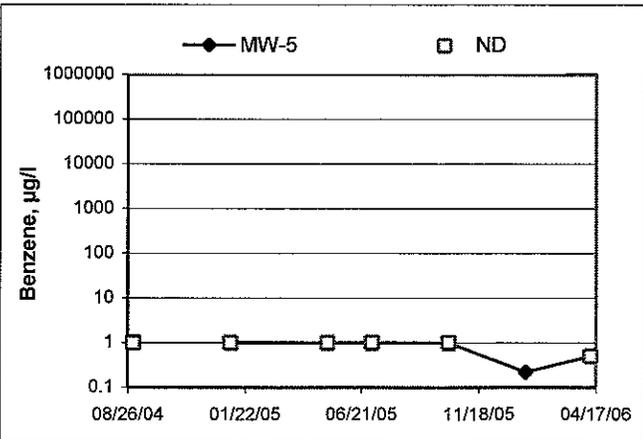
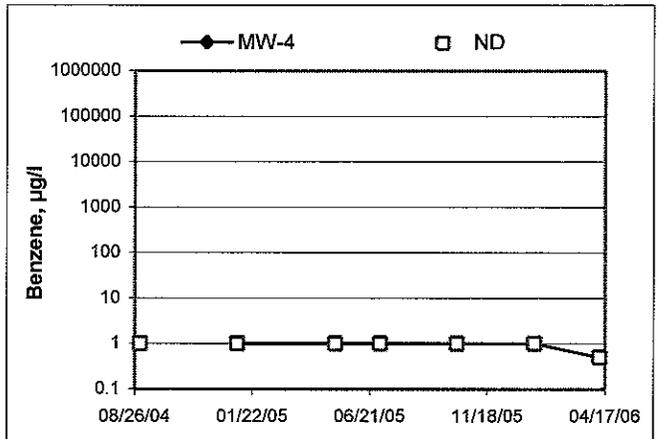
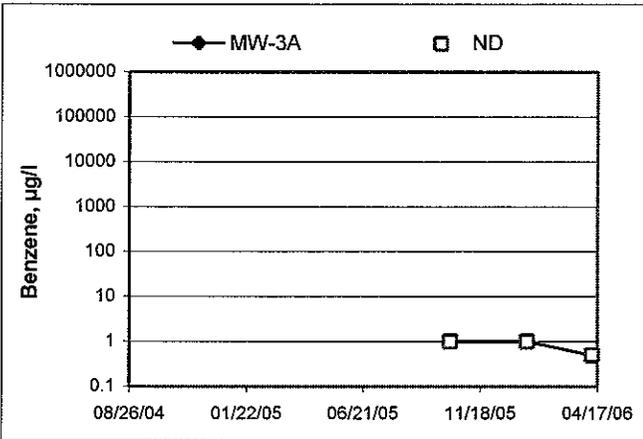
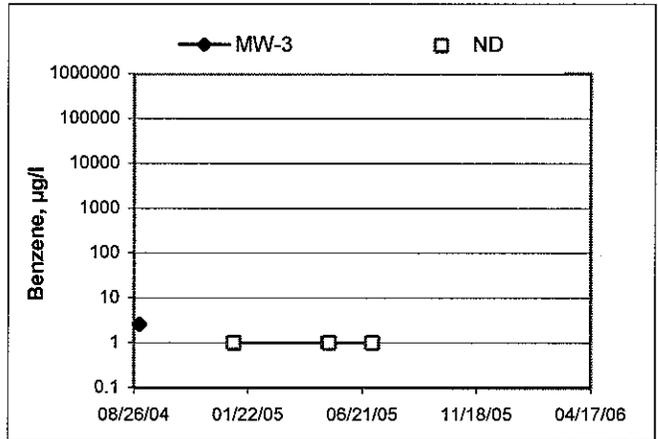
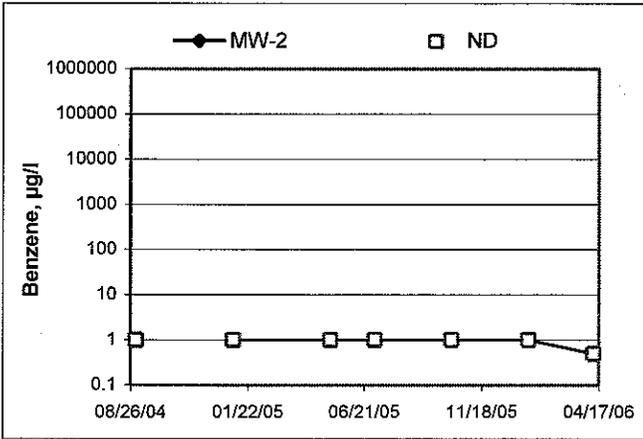
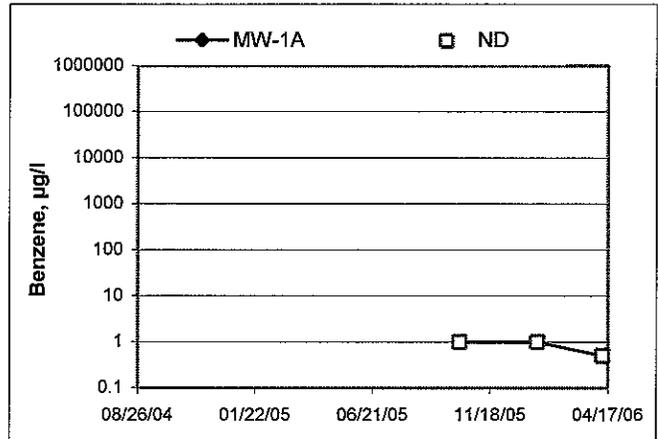
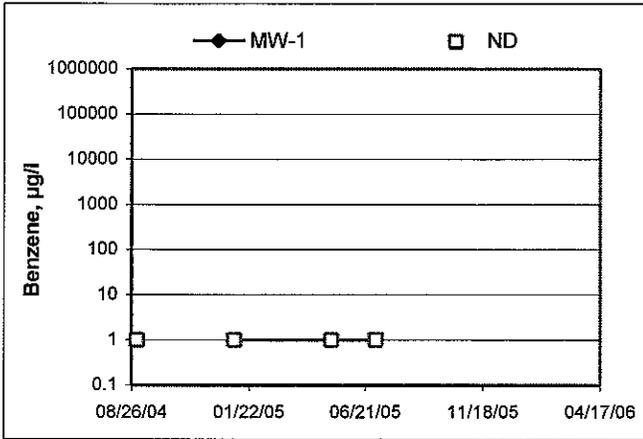
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
Former 76 Station 0353

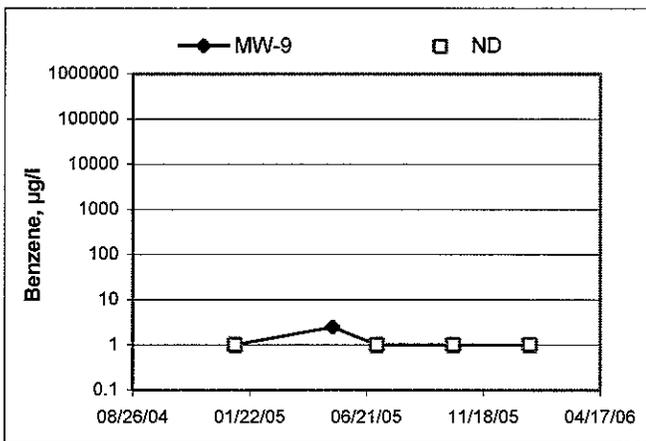
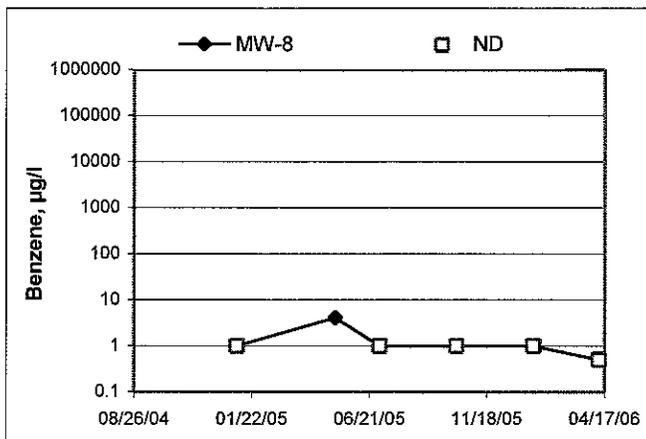
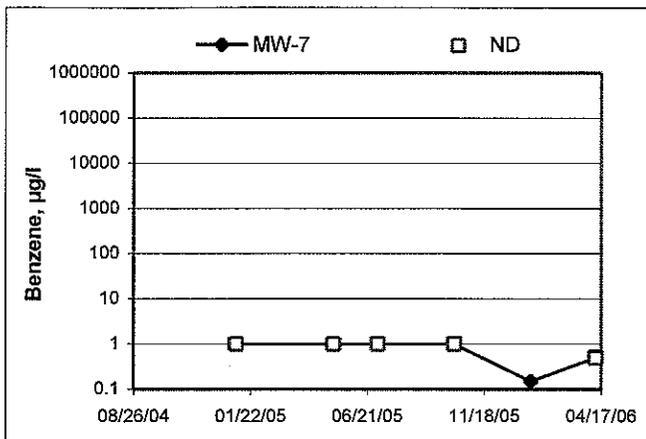


Elevations may have been corrected for apparent changes due to resurvey

Benzene Concentrations vs Time
Former 76 Station 0353



Benzene Concentrations vs Time Former 76 Station 0353



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular wells, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

GROUNDWATER SAMPLING FIELD NOTES

Technician: RALPH

Site: 0353

Project No.: 2004085

Date: 4/10/06

Well No. MW-9

Purge Method: Sub

Depth to Water (feet): 96.73

Depth to Product (feet): 0

Total Depth (feet): 119.80

LPH & Water Recovered (gallons): 0

Water Column (feet): 23.07

Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 101.34

1 Well Volume (gallons): 15

①

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O	ORP	Turbidity
0515			15	930	18.0	7.26			
	0540		30	848	18.6	6.68			
			45	877	18.8	6.57			
Static at Time Sampled			Total Gallons Purged		Sample Time				
97.10			45 gallons		N/S				
Comments:									

Well No. MW-0

Purge Method: Sub

Depth to Water (feet): 98.05

Depth to Product (feet): 0

Total Depth (feet): 170.15

LPH & Water Recovered (gallons): 0

Water Column (feet): 22.10

Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 102.47

1 Well Volume (gallons): 14

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O	ORP	Turbidity
0735			14	802	18.1	6.58			
	0753		78	799	18.6	6.55			
			42	797	18.6	6.54			
Static at Time Sampled		Total Gallons Purged			Sample Time				
98.10		42 gallons			0805				
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: RALPH

Site: 0353

Project No.: 2004083

Date: 4/10/06

Well No. MW-2

Purge Method: Sub

Depth to Water (feet): 98.45

Depth to Product (feet): 0

Total Depth (feet): 170.48

LPH & Water Recovered (gallons): 0

Water Column (feet): 72.03

Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 102.85

1 Well Volume (gallons): 14

ⓐ

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O	ORP	Turbidity
0815			14	777	18.1	6.58			
	0830		28	775	19.0	6.59			
			42	783	18.9	6.66			
Static at Time Sampled		Total Gallons Purged			Sample Time				
98.50		42 gallons			0840				
Comments:									

Well No. MW-7

Purge Method: Sub

Depth to Water (feet): 97.91

Depth to Product (feet): 0

Total Depth (feet): 170.15

LPH & Water Recovered (gallons): 0

Water Column (feet): 72.24

Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 102.35

1 Well Volume (gallons): 14

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O	ORP	Turbidity
0650			14	814	18.3	6.60	171.2	207	
	0714		28	819	18.5	6.59			
			42						
Static at Time Sampled		Total Gallons Purged			Sample Time				
98.00		28 gallons			1020				
Comments: Dried at 28 gallons did not recover in 45 min pump									

GROUNDWATER SAMPLING FIELD NOTES

Technician: RALPH

Site: 0353

Project No.: 20040087

Date: 4/10/06

Well No. MW-5

Purge Method: sub

Depth to Water (feet): 96.80

Depth to Product (feet): 0

Total Depth (feet): 120.10

LPH & Water Recovered (gallons): 0

Water Column (feet): 23.30

Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 101.46

1 Well Volume (gallons): 15

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O	ORP	Turbidity	
0930			15	826	18.4	6.5A				
			30	825	19.0	6.52				
	0947		45	836	18.9	6.53				
		Static at Time Sampled		Total Gallons Purged			Sample Time			
		96.87		45 gallons			1001			
Comments:										

Well No. _____

Purge Method: _____

Depth to Water (feet): _____

Depth to Product (feet): _____

Total Depth (feet) _____

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): _____

80% Recharge Depth(feet): _____

1 Well Volume (gallons): _____

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O	ORP	Turbidity	
		Static at Time Sampled		Total Gallons Purged			Sample Time			
Comments:										

GROUNDWATER SAMPLING FIELD NOTES

Technician: Baltazar

Site: 0353

Project No.: 20040083

Date: 4/10/06

Well No. MW-8

Purge Method: Sub

Depth to Water (feet): 97.27

Depth to Product (feet): 0 ①

Total Depth (feet): 118.90

LPH & Water Recovered (gallons): 0

Water Column (feet): 21.63

Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 101.59

1 Well Volume (gallons): 14

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. C)	pH	D.O	ORP	Turbidity
0512			14	1047	19.1	6.48			
			28	1030	19.6	6.81			
	0538		42	1021	20.0	6.81			
		Static at Time Sampled	Total Gallons Purged			Sample Time			
		97.31	42 gallons			0547			
Comments:									

Well No. MW-4

Purge Method: Sub

Depth to Water (feet): 97.47

Depth to Product (feet): 0

Total Depth (feet): 119.52

LPH & Water Recovered (gallons): 0

Water Column (feet): 22.05

Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 101.88

1 Well Volume (gallons): 14

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. C)	pH	D.O	ORP	Turbidity
0652			14	982	19.5	6.80	149.2	229	
			28	988	20.3	6.76			
	0721		42	991	20.6	6.75			
		Static at Time Sampled	Total Gallons Purged			Sample Time			
		97.48	42 gallons			0730			
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: Baltazar

Site: 0353

Project No.: 20040083

Date: 4/10/06

Well No. MW-1A

Purge Method: Sub

Depth to Water (feet): 98.44

Depth to Product (feet): 0

Total Depth (feet): 113.90

LPH & Water Recovered (gallons): 0

Water Column (feet): 15.46

Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 113.10

1 Well Volume (gallons): 10

2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0751			10	1069	20.0	6.96			
			20	1074	20.7	6.99			
	0811	23.30	1081	1081	20.5	6.97			
		Static at Time Sampled	Total Gallons Purged			Sample Time			
		98.44	23 gallons			1006			
Comments: <u>Dried at 23 gallons.</u>									

Well No. MW-3A

Purge Method: Sub

Depth to Water (feet): 97.98

Depth to Product (feet): 0

Total Depth (feet): 115.01

LPH & Water Recovered (gallons): 0

Water Column (feet): 17.03

Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 101.38

1 Well Volume (gallons): 11

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0833			11	1028	19.8	7.18	174.1	209	
			22	1021	20.4	6.97			
	0900		33	1018	20.5	6.93			
		Static at Time Sampled	Total Gallons Purged			Sample Time			
		97.98	33 gallons			0918			
Comments:									

1

1

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 4/10/06 STATION NUMBER: 0353

NAME OF TECH: RALPH CALLED GORDON: YES

CALLED PM: _____ NAME OF PM CALLED: _____

WELL NUMBER: MW-9 STATEMENT FROM PM _____ OR TECH _____

Drop pump ok, but tried to pull up couldn't, got ~~st~~ jammed, called Jesse to help, got it out, Pump it 45 gallons but couldn't get sample.

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

Appears to have stinger inside well, broken.

Drop bailer got stuck

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

Drop pencil bailer couldn't get water.

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____



Laboratories, Inc

Date of Report: 04/20/2006

Anju Farfan

TRC Alton Geoscience

21 Technology Drive
Irvine, CA 92618-2302

RE: 0353

BC Lab Number: 0603445

Enclosed are the results of analyses for samples received by the laboratory on 04/10/06 20:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Vanessa Hooker", written over a horizontal line.

Contact Person: Vanessa Hooker

Client Service Rep

A handwritten signature in black ink, consisting of a large, sweeping initial followed by a few strokes, written over a horizontal line.

Authorized Signature



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Delivery Work Order:	
0603445-01	COC Number:	---	Project Number:	0353	04/10/06 20:30	Global ID: T0603728619
	Sampling Location:	MW-4	Sampling Point:	MW-4	04/10/06 07:30	Matrix: W
	Sampled By:	Baltazar of TRCI			---	Sample QC Type (SACode): CS
					Water	Cooler ID:
0603445-02	COC Number:	---	Project Number:	0353	04/10/06 20:30	Global ID: T0603728619
	Sampling Location:	MW-3A	Sampling Point:	MW-3A	04/10/06 09:18	Matrix: W
	Sampled By:	Baltazar of TRCI			---	Sample QC Type (SACode): CS
					Water	Cooler ID:
0603445-03	COC Number:	---	Project Number:	0353	04/10/06 20:30	Global ID: T0603728619
	Sampling Location:	MW-7	Sampling Point:	MW-7	04/10/06 10:20	Matrix: W
	Sampled By:	Baltazar of TRCI			---	Sample QC Type (SACode): CS
					Water	Cooler ID:
0603445-04	COC Number:	---	Project Number:	0353	04/10/06 20:30	Global ID: T0603728619
	Sampling Location:	MW-8	Sampling Point:	MW-8	04/10/06 05:47	Matrix: W
	Sampled By:	Baltazar of TRCI			---	Sample QC Type (SACode): CS
					Water	Cooler ID:
0603445-05	COC Number:	---	Project Number:	0353	04/10/06 20:30	Global ID: T0603728619
	Sampling Location:	MW-1A	Sampling Point:	MW-1A	04/10/06 10:06	Matrix: W
	Sampled By:	Baltazar of TRCI			---	Sample QC Type (SACode): CS
					Water	Cooler ID:



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0603445-06	COC Number:	---		Receive Date:	04/10/06 20:30
	Project Number:	0353		Sampling Date:	04/10/06 08:40
	Sampling Location:	MW-2		Sample Depth:	---
	Sampling Point:	MW-2		Sample Matrix:	Water
	Sampled By:	Baltazar of TRCI		Delivery Work Order:	
				Global ID:	T0603728619
				Matrix:	W
				Sample QC Type (SACode):	CS
				Cooler ID:	
0603445-07	COC Number:	---		Receive Date:	04/10/06 20:30
	Project Number:	0353		Sampling Date:	04/10/06 10:01
	Sampling Location:	MW-5		Sample Depth:	---
	Sampling Point:	MW-5		Sample Matrix:	Water
	Sampled By:	Baltazar of TRCI		Delivery Work Order:	
				Global ID:	T0603728619
				Matrix:	W
				Sample QC Type (SACode):	CS
				Cooler ID:	
0603445-08	COC Number:	---		Receive Date:	04/10/06 20:30
	Project Number:	0353		Sampling Date:	04/10/06 08:05
	Sampling Location:	MW-6		Sample Depth:	---
	Sampling Point:	MW-6		Sample Matrix:	Water
	Sampled By:	Baltazar of TRCI		Delivery Work Order:	
				Global ID:	T0603728619
				Matrix:	W
				Sample QC Type (SACode):	CS
				Cooler ID:	



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-01 Client Sample Name: 0353, MW-4, MW-4, 4/10/2006 7:30:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Benzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Bromobenzene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Bromochloromethane	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Bromodichloromethane	0.26	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	J
Bromoform	ND	ug/L	0.50	0.33	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Bromomethane	ND	ug/L	1.0	0.21	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	V11
n-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
sec-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
tert-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Carbon tetrachloride	1.1	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Chlorobenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Chloroethane	ND	ug/L	0.50	0.38	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Chloroform	0.86	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Chloromethane	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
2-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
4-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Dibromochloromethane	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.69	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromoethane	ND	ug/L	0.50	0.24	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Dibromomethane	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-01		Client Sample Name: 0353, MW-4, MW-4, 4/10/2006 7:30:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Dichlorodifluoromethane	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethane	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Total 1,2-Dichloroethene	ND	ug/L	1.0	0.38	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloropropane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichloropropane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
2,2-Dichloropropane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloropropene	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Total 1,3-Dichloropropene	ND	ug/L	1.0	0.26	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Ethylbenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Hexachlorobutadiene	ND	ug/L	0.50	0.28	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Isopropylbenzene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Methylene chloride	ND	ug/L	1.0	0.44	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Methyl t-butyl ether	0.29	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	J
Naphthalene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
n-Propylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Styrene	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-01 Client Sample Name: 0353, MW-4, MW-4, 4/10/2006 7:30:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.23	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Tetrachloroethene	0.30	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	J
Toluene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Trichloroethene	1.2	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Trichlorofluoromethane	10	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.55	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Vinyl chloride	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Total Xylenes	ND	ug/L	1.0	0.37	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
t-Amyl Methyl ether	ND	ug/L	0.50	0.49	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
t-Butyl alcohol	ND	ug/L	10	10	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Diisopropyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Ethanol	ND	ug/L	250	110	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Ethyl t-butyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	23	EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578		



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21 Technology Drive
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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-01 | Client Sample Name: 0353, MW-4, MW-4, 4/10/2006 7:30:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time			Analyst	Batch ID	Bias
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	
4-Bromofluorobenzene (Surrogate)	98.9	%	86 - 115 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 02:59	MGC	MS-V5	1	BPD0578	



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Water Analysis (General Chemistry)

BCL Sample ID: 0603445-01		Client Sample Name: 0353, MW-4, MW-4, 4/10/2006 7:30:00AM, Baltazar												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Total Alkalinity as CaCO3	230	mg/L	5.0	5.0	EPA-310.1	04/17/06	04/17/06 13:30	MAR	BDB	2	BPD0863	3.8	A01	
Nitrate as N	19	mg/L	0.10	0.018	EPA-300.0	04/10/06	04/11/06 10:04	NTN	IC1	1	BPD0433	ND		
Sulfate	100	mg/L	1.0	0.11	EPA-300.0	04/10/06	04/11/06 10:04	NTN	IC1	1	BPD0433	ND		
Iron (III) Species	1400	ug/L	100	100	Calc	04/12/06	04/19/06 17:58	TMS	Calc	1	BPD0529	ND		
Iron (II) Species	210	ug/L	100	100	SM-3500-Fe	04/11/06	04/11/06 10:30	MV1	SPEC05	1	BPD0506	ND		



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Water Analysis (Metals)

BCL Sample ID: 0603445-01 Client Sample Name: 0353, MW-4, MW-4, 4/10/2006 7:30:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Manganese	ND	ug/L	10	5.7	EPA-6010B	04/12/06	04/12/06 16:20	ARD	PE-OP1	1	BPD0509	0.75	



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-02		Client Sample Name: 0353, MW-3A, MW-3A, 4/10/2006 9:18:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Bromobenzene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Bromochloromethane	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Bromodichloromethane	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Bromoform	ND	ug/L	0.50	0.33	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Bromomethane	ND	ug/L	1.0	0.21	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	V11
n-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
sec-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
tert-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Carbon tetrachloride	0.79	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Chlorobenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Chloroethane	ND	ug/L	0.50	0.38	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Chloroform	0.39	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	J
Chloromethane	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
2-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
4-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Dibromochloromethane	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.69	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromoethane	ND	ug/L	0.50	0.24	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Dibromomethane	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	

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 21 Technology Drive
 Irvine CA, 92618-2302

 Project: 0353
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-02		Client Sample Name: 0353, MW-3A, MW-3A, 4/10/2006 9:18:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Dichlorodifluoromethane	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethane	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Total 1,2-Dichloroethene	ND	ug/L	1.0	0.38	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloropropane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichloropropane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
2,2-Dichloropropane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloropropene	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Total 1,3-Dichloropropene	ND	ug/L	1.0	0.26	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Ethylbenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Hexachlorobutadiene	ND	ug/L	0.50	0.28	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Isopropylbenzene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Methylene chloride	ND	ug/L	1.0	0.44	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Methyl t-butyl ether	4.7	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Naphthalene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
n-Propylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Styrene	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	



TRC Alton Geoscience
21 Technology Drive
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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-02		Client Sample Name: 0353, MW-3A, MW-3A, 4/10/2006 9:18:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.23	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Tetrachloroethene	0.66	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Toluene	0.17	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	J
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Trichloroethene	0.19	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	J
Trichlorofluoromethane	7.7	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.55	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trimethylbenzene	0.11	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	J
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Vinyl chloride	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Total Xylenes	ND	ug/L	1.0	0.37	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
t-Amyl Methyl ether	ND	ug/L	0.50	0.49	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
t-Butyl alcohol	ND	ug/L	10	10	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Diisopropyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Ethanol	ND	ug/L	250	110	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Ethyl t-butyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	23	EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578		



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-02 | **Client Sample Name:** 0353, MW-3A, MW-3A, 4/10/2006 9:18:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578		
4-Bromofluorobenzene (Surrogate)	98.9	%	86 - 115 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 03:29	MGC	MS-V5	1	BPD0578		



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Water Analysis (General Chemistry)

BCL Sample ID: 0603445-02		Client Sample Name: 0353, MW-3A, MW-3A, 4/10/2006 9:18:00AM, Baltazar												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quais	
Total Alkalinity as CaCO3	350	mg/L	5.0	5.0	EPA-310.1	04/17/06	04/17/06 13:30	MAR	BDB	2	BPD0863	3.8	A01	
Nitrate as N	6.6	mg/L	0.10	0.018	EPA-300.0	04/10/06	04/11/06 10:23	NTN	IC1	1	BPD0433	ND		
Sulfate	110	mg/L	1.0	0.11	EPA-300.0	04/10/06	04/11/06 10:23	NTN	IC1	1	BPD0433	ND		
Iron (III) Species	46000	ug/L	100	100	Calc	04/12/06	04/19/06 17:58	TMS	Calc	1	BPD0529	ND		
Iron (II) Species	230	ug/L	100	100	SM-3500-Fε	04/11/06	04/11/06 10:30	MV1	SPEC05	1	BPD0506	ND		



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Water Analysis (Metals)

BCL Sample ID: 0603445-02 | Client Sample Name: 0353, MW-3A, MW-3A, 4/10/2006 9:18:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time			Batch ID	Bias	Quals
Manganese	5.9	ug/L	10	5.7	EPA-6010B	04/12/06	04/12/06 16:24	ARD	1	BPD0509	0.75	J



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-03 Client Sample Name: 0353, MW-7, MW-7, 4/10/2006 10:20:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Benzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Bromobenzene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Bromochloromethane	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Bromodichloromethane	0.29	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	J
Bromoform	ND	ug/L	0.50	0.33	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Bromomethane	ND	ug/L	1.0	0.21	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	V11
n-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
sec-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
tert-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Carbon tetrachloride	0.50	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Chlorobenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Chloroethane	ND	ug/L	0.50	0.38	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Chloroform	0.79	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Chloromethane	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
2-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
4-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Dibromochloromethane	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.69	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromoethane	ND	ug/L	0.50	0.24	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Dibromomethane	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-03 Client Sample Name: 0353, MW-7, MW-7, 4/10/2006 10:20:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Dichlorodifluoromethane	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethane	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Total 1,2-Dichloroethene	ND	ug/L	1.0	0.38	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloropropane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichloropropane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
2,2-Dichloropropane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloropropene	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Total 1,3-Dichloropropene	ND	ug/L	1.0	0.26	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Ethylbenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Hexachlorobutadiene	ND	ug/L	0.50	0.28	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Isopropylbenzene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Methylene chloride	ND	ug/L	1.0	0.44	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Methyl t-butyl ether	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Naphthalene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
n-Propylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Styrene	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	

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 Project: 0353
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-03		Client Sample Name: 0353, MW-7, MW-7, 4/10/2006 10:20:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.23	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Tetrachloroethene	0.42	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	J
Toluene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Trichloroethene	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Trichlorofluoromethane	2.8	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.55	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Vinyl chloride	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Total Xylenes	ND	ug/L	1.0	0.37	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
t-Amyl Methyl ether	ND	ug/L	0.50	0.49	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
t-Butyl alcohol	ND	ug/L	10	10	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Diisopropyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Ethanol	ND	ug/L	250	110	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Ethyl t-butyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	23	EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578		



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21 Technology Drive
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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-03 | **Client Sample Name:** 0353, MWV-7, MWV-7, 4/10/2006 10:20:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578		
4-Bromofluorobenzene (Surrogate)	97.1	%	86 - 115 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 03:59	MGC	MS-V5	1	BPD0578		



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Water Analysis (General Chemistry)

BCL Sample ID: 0603445-03		Client Sample Name: 0353, MW-7, MW-7, 4/10/2006 10:20:00AM, Baltazar												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Total Alkalinity as CaCO3	200	mg/L	10	10	EPA-310.1	04/17/06	04/17/06 13:30	MAR	BDB	4	BPD0863	7.6	A01	
Nitrate as N	11	mg/L	0.10	0.018	EPA-300.0	04/10/06	04/11/06 10:41	NTN	IC1	1	BPD0433	ND		
Sulfate	170	mg/L	1.0	0.11	EPA-300.0	04/10/06	04/11/06 10:41	NTN	IC1	1	BPD0433	ND		
Iron (III) Species	1700	ug/L	100	100	Calc	04/12/06	04/19/06 17:58	TMS	Calc	1	BPD0529	ND		
Iron (II) Species	170	ug/L	100	100	SM-3500-Fc	04/11/06	04/11/06 10:30	MV1	SPEC05	1	BPD0506	ND		



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Water Analysis (Metals)

BCL Sample ID: 0603445-03 Client Sample Name: 0353, MW-7, MW-7, 4/10/2006 10:20:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Manganese	ND	ug/L	10	5.7	EPA-6010B	04/12/06	04/12/06 16:29	ARD	PE-OP1	1	BPD0509	0.75	

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 Project: 0353
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-04		Client Sample Name: 0353, MW-8, MW-8, 4/10/2006 5:47:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Bromobenzene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Bromochloromethane	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Bromodichloromethane	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Bromoform	ND	ug/L	0.50	0.33	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Bromomethane	ND	ug/L	1.0	0.21	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	V11
n-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
sec-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
tert-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Carbon tetrachloride	0.46	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	J
Chlorobenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Chloroethane	ND	ug/L	0.50	0.38	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Chloroform	0.74	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Chloromethane	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
2-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
4-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Dibromochloromethane	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.69	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromoethane	ND	ug/L	0.50	0.24	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Dibromomethane	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	

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 Irvine CA, 92618-2302

 Project: 0353
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-04		Client Sample Name: 0353, MW-8, MW-8, 4/10/2006 5:47:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Dichlorodifluoromethane	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethane	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Total 1,2-Dichloroethene	ND	ug/L	1.0	0.38	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloropropane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichloropropane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
2,2-Dichloropropane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloropropene	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Total 1,3-Dichloropropene	ND	ug/L	1.0	0.26	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Ethylbenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Hexachlorobutadiene	ND	ug/L	0.50	0.28	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Isopropylbenzene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Methylene chloride	ND	ug/L	1.0	0.44	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Methyl t-butyl ether	0.32	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	J
Naphthalene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
n-Propylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Styrene	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	

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 Project: 0353
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-04		Client Sample Name: 0353, MW-8, MW-8, 4/10/2006 5:47:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.23	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Tetrachloroethene	2.4	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Toluene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Trichloroethene	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Trichlorofluoromethane	9.9	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.55	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Vinyl chloride	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Total Xylenes	ND	ug/L	1.0	0.37	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
t-Amyl Methyl ether	ND	ug/L	0.50	0.49	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
t-Butyl alcohol	ND	ug/L	10	10	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Diisopropyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Ethanol	ND	ug/L	250	110	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Ethyl t-butyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	23	EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578	ND	



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-04 | **Client Sample Name:** 0353, MW-8, MW-8, 4/10/2006 5:47:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Toluene-d8 (Surrogate)	104	%	88 - 110 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578		
4-Bromofluorobenzene (Surrogate)	98.4	%	86 - 115 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 04:29	MGC	MS-V5	1	BPD0578		

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 Project: 0353
 Project Number: [none]
 Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-05		Client Sample Name: 0353, MW-1A, MW-1A, 4/10/2006 10:06:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Bromobenzene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Bromochloromethane	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Bromodichloromethane	0.21	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	J
Bromoform	ND	ug/L	0.50	0.33	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Bromomethane	ND	ug/L	1.0	0.21	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	V11
n-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
sec-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
tert-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Carbon tetrachloride	1.3	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Chlorobenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Chloroethane	ND	ug/L	0.50	0.38	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Chloroform	0.90	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Chloromethane	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
2-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
4-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Dibromochloromethane	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.69	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromoethane	ND	ug/L	0.50	0.24	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Dibromomethane	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	

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 Project: 0353
 Project Number: [none]
 Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-05		Client Sample Name: 0353, MW-1A, MW-1A, 4/10/2006 10:06:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Dichlorodifluoromethane	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethane	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Total 1,2-Dichloroethene	ND	ug/L	1.0	0.38	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloropropane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichloropropane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
2,2-Dichloropropane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloropropene	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Total 1,3-Dichloropropene	ND	ug/L	1.0	0.26	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Ethylbenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Hexachlorobutadiene	ND	ug/L	0.50	0.28	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Isopropylbenzene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Methylene chloride	ND	ug/L	1.0	0.44	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Methyl t-butyl ether	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Naphthalene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
n-Propylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Styrene	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-05		Client Sample Name: 0353, MW-1A, MW-1A, 4/10/2006 10:06:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.23	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Tetrachloroethene	0.37	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	J
Toluene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Trichloroethene	0.96	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Trichlorofluoromethane	6.9	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.55	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Vinyl chloride	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Total Xylenes	ND	ug/L	1.0	0.37	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
t-Amyl Methyl ether	ND	ug/L	0.50	0.49	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
t-Butyl alcohol	ND	ug/L	10	10	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Diisopropyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Ethanol	ND	ug/L	250	110	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Ethyl t-butyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	23	EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 04:59	MGC	MS-V5	1	BPD0578		



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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-05		Client Sample Name: 0353, MW-1A, MW-1A, 4/10/2006 10:06:00AM, Baltazar												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time		Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	04/12/06	04/13/06	04:59	MGC	MS-V5	1	BPD0578		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	04/12/06	04/13/06	04:59	MGC	MS-V5	1	BPD0578		



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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-06 Client Sample Name: 0353, MW-2, MW-2, 4/10/2006 8:40:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Benzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Bromobenzene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Bromochloromethane	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Bromodichloromethane	0.20	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	J
Bromoform	ND	ug/L	0.50	0.33	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Bromomethane	ND	ug/L	1.0	0.21	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	V11
n-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
sec-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
tert-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Carbon tetrachloride	1.2	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Chlorobenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Chloroethane	ND	ug/L	0.50	0.38	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Chloroform	0.87	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Chloromethane	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
2-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
4-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Dibromochloromethane	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.69	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromoethane	ND	ug/L	0.50	0.24	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Dibromomethane	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	



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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-06 Client Sample Name: 0353, MW-2, MW-2, 4/10/2006 8:40:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quais
Dichlorodifluoromethane	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethane	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Total 1,2-Dichloroethene	ND	ug/L	1.0	0.38	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloropropane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichloropropane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
2,2-Dichloropropane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloropropene	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Total 1,3-Dichloropropene	ND	ug/L	1.0	0.26	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Ethylbenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Hexachlorobutadiene	ND	ug/L	0.50	0.28	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Isopropylbenzene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Methylene chloride	ND	ug/L	1.0	0.44	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Methyl t-butyl ether	0.38	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	J
Naphthalene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
n-Propylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Styrene	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-06		Client Sample Name: 0353, MW-2, MW-2, 4/10/2006 8:40:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.23	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Tetrachloroethene	0.32	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	J
Toluene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Trichloroethene	1.3	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Trichlorofluoromethane	3.4	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.55	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Vinyl chloride	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Total Xylenes	ND	ug/L	1.0	0.37	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
t-Amyl Methyl ether	ND	ug/L	0.50	0.49	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
t-Butyl alcohol	ND	ug/L	10	10	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Diisopropyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Ethanol	ND	ug/L	250	110	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Ethyl t-butyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	23	EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578		



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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-06		Client Sample Name: 0353, MW-2, MW-2, 4/10/2006 8:40:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578		
4-Bromofluorobenzene (Surrogate)	99.0	%	86 - 115 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 05:29	MGC	MS-V5	1	BPD0578		

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 Project: 0353
 Project Number: [none]
 Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-07		Client Sample Name: 0353, MWV-5, MW-5, 4/10/2006 10:01:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Bromobenzene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Bromochloromethane	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Bromodichloromethane	0.34	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	J
Bromoform	ND	ug/L	0.50	0.33	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Bromomethane	ND	ug/L	1.0	0.21	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
n-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
sec-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
tert-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Carbon tetrachloride	0.76	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Chlorobenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Chloroethane	ND	ug/L	0.50	0.38	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Chloroform	0.94	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Chloromethane	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
2-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
4-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Dibromochloromethane	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.69	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromoethane	ND	ug/L	0.50	0.24	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Dibromomethane	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	

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 21 Technology Drive
 Irvine CA, 92618-2302

 Project: 0353
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-07		Client Sample Name: 0353, MW-5, MW-5, 4/10/2006 10:01:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Dichlorodifluoromethane	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethane	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane	2.0	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Total 1,2-Dichloroethene	ND	ug/L	1.0	0.38	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloropropane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichloropropane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
2,2-Dichloropropane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloropropene	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Total 1,3-Dichloropropene	ND	ug/L	1.0	0.26	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Ethylbenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Hexachlorobutadiene	ND	ug/L	0.50	0.28	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Isopropylbenzene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Methylene chloride	ND	ug/L	1.0	0.44	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Methyl t-butyl ether	0.19	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	J
Naphthalene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
n-Propylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Styrene	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	



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21 Technology Drive
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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-07		Client Sample Name: 0353, MW-5, MW-5, 4/10/2006 10:01:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.23	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Tetrachloroethene	0.44	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	J
Toluene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Trichloroethene	1.7	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Trichlorofluoromethane	6.8	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.55	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Vinyl chloride	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Total Xylenes	ND	ug/L	1.0	0.37	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
t-Amyl Methyl ether	ND	ug/L	0.50	0.49	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
t-Butyl alcohol	ND	ug/L	10	10	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Diisopropyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Ethanol	ND	ug/L	250	110	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Ethyl t-butyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	23	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.0	%	76 - 114 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578		



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-07 | **Client Sample Name:** 0353, MWV-5, MWV-5, 4/10/2006 10:01:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578			
4-Bromofluorobenzene (Surrogate)	98.3	%	86 - 115 (LCL - UCL)	EPA-8260	04/12/06	04/13/06 14:01	MGC	MS-V5	1	BPD0578			



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-08 Client Sample Name: 0353, MW-6, MW-6, 4/10/2006 8:05:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Benzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Bromobenzene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Bromochloromethane	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Bromodichloromethane	0.21	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	J
Bromoform	ND	ug/L	0.50	0.33	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Bromomethane	ND	ug/L	1.0	0.21	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
n-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
sec-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
tert-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Carbon tetrachloride	0.51	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Chlorobenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Chloroethane	ND	ug/L	0.50	0.38	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Chloroform	0.91	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Chloromethane	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
2-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
4-Chlorotoluene	ND	ug/L	0.50	0.17	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Dibromochloromethane	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.69	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,2-Dibromoethane	ND	ug/L	0.50	0.24	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Dibromomethane	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-08 Client Sample Name: 0353, MW-6, MW-6, 4/10/2006 8:05:00AM, Baltazar

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Dichlorodifluoromethane	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethane	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.19	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Total 1,2-Dichloroethene	ND	ug/L	1.0	0.38	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloropropane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,3-Dichloropropane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
2,2-Dichloropropane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,1-Dichloropropene	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Total 1,3-Dichloropropene	ND	ug/L	1.0	0.26	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Ethylbenzene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Hexachlorobutadiene	ND	ug/L	0.50	0.28	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Isopropylbenzene	ND	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Methylene chloride	ND	ug/L	1.0	0.44	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Methyl t-butyl ether	0.22	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	J
Naphthalene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
n-Propylbenzene	ND	ug/L	0.50	0.13	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Styrene	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	

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 Project: 0353
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-08		Client Sample Name: 0353, MW-6, MW-6, 4/10/2006 8:05:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.12	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.23	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Tetrachloroethene	1.4	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Toluene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.14	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Trichloroethene	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Trichlorofluoromethane	2.4	ug/L	0.50	0.20	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.55	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	0.18	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.11	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Vinyl chloride	ND	ug/L	0.50	0.16	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Total Xylenes	ND	ug/L	1.0	0.37	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
t-Amyl Methyl ether	ND	ug/L	0.50	0.49	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
t-Butyl alcohol	ND	ug/L	10	10	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Diisopropyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Ethanol	ND	ug/L	250	110	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Ethyl t-butyl ether	ND	ug/L	0.50	0.25	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	23	EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578		



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0603445-08		Client Sample Name: 0353, MW-6, MW-6, 4/10/2006 8:05:00AM, Baltazar											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	04/12/06	04/13/06 14:31	MGC	MS-V5	1	BPD0578		



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260) Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits	
										RPD	Percent Recovery Lab Quals
Benzene	BPD0578	BPD0578-MS1	Matrix Spike	ND	24.390	25.000	ug/L	0.617	97.6	20	70 - 130
		BPD0578-MSD1	Matrix Spike Duplicate	ND	24.260	25.000					97.0
Bromodichloromethane	BPD0578	BPD0578-MS1	Matrix Spike	0.26000	25.240	25.000	ug/L	1.92	99.9	20	70 - 130
		BPD0578-MSD1	Matrix Spike Duplicate	0.26000	24.770	25.000					98.0
Chlorobenzene	BPD0578	BPD0578-MS1	Matrix Spike	ND	24.120	25.000	ug/L	0.826	96.5	20	70 - 130
		BPD0578-MSD1	Matrix Spike Duplicate	ND	24.330	25.000					97.3
Chloroethane	BPD0578	BPD0578-MS1	Matrix Spike	ND	23.500	25.000	ug/L	0.640	94.0	20	70 - 130
		BPD0578-MSD1	Matrix Spike Duplicate	ND	23.350	25.000					93.4
1,4-Dichlorobenzene	BPD0578	BPD0578-MS1	Matrix Spike	ND	23.730	25.000	ug/L	2.81	94.9	20	70 - 130
		BPD0578-MSD1	Matrix Spike Duplicate	ND	24.410	25.000					97.6
1,1-Dichloroethane	BPD0578	BPD0578-MS1	Matrix Spike	ND	23.190	25.000	ug/L	0.430	92.8	20	70 - 130
		BPD0578-MSD1	Matrix Spike Duplicate	ND	23.300	25.000					93.2
1,1-Dichloroethene	BPD0578	BPD0578-MS1	Matrix Spike	ND	23.940	25.000	ug/L	0.00	95.8	20	70 - 130
		BPD0578-MSD1	Matrix Spike Duplicate	ND	23.960	25.000					95.8
Toluene	BPD0578	BPD0578-MS1	Matrix Spike	ND	25.510	25.000	ug/L	0.985	102	20	70 - 130
		BPD0578-MSD1	Matrix Spike Duplicate	ND	25.320	25.000					101
Trichloroethene	BPD0578	BPD0578-MS1	Matrix Spike	1.1900	25.700	25.000	ug/L	1.44	98.0	20	70 - 130
		BPD0578-MSD1	Matrix Spike Duplicate	1.1900	25.350	25.000					96.6
1,2-Dichloroethane-d4 (Surrogate)	BPD0578	BPD0578-MS1	Matrix Spike	ND	10.170	10.000	ug/L		102		76 - 114
		BPD0578-MSD1	Matrix Spike Duplicate	ND	10.120	10.000					101
Toluene-d8 (Surrogate)	BPD0578	BPD0578-MS1	Matrix Spike	ND	10.140	10.000	ug/L		101		88 - 110
		BPD0578-MSD1	Matrix Spike Duplicate	ND	10.120	10.000					101
4-Bromofluorobenzene (Surrogate)	BPD0578	BPD0578-MS1	Matrix Spike	ND	9.7800	10.000	ug/L		97.8		86 - 115
		BPD0578-MSD1	Matrix Spike Duplicate	ND	9.7100	10.000					97.1



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

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Water Analysis (General Chemistry) Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits	
										RPD	Percent Recovery Lab Quals
Nitrate as N	BPD0433	BPD0433-DUP1	Duplicate	8.4460	8.4750		mg/L	0.343		10	
		BPD0433-MS1	Matrix Spike	8.4460	13.613	5.0505	mg/L		102		80 - 120
		BPD0433-MSD1	Matrix Spike Duplicate	8.4460	13.595	5.0505	mg/L	0.00	102	10	80 - 120
Sulfate	BPD0433	BPD0433-DUP1	Duplicate	69.091	69.306		mg/L	0.311		10	
		BPD0433-MS1	Matrix Spike	69.091	176.86	101.01	mg/L		107		80 - 120
		BPD0433-MSD1	Matrix Spike Duplicate	69.091	176.59	101.01	mg/L	0.939	106	10	80 - 120
Iron (II) Species	BPD0506	BPD0506-DUP1	Duplicate	212.27	212.27		ug/L	0.00		10	
Total Alkalinity as CaCO3	BPD0863	BPD0863-DUP1	Duplicate	112.18	109.34		mg/L	2.56		10	
		BPD0863-MS1	Matrix Spike	112.18	230.08	125.00	mg/L		94.3		80 - 120
		BPD0863-MSD1	Matrix Spike Duplicate	112.18	231.04	125.00	mg/L	0.845	95.1	10	80 - 120



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Project: 0353
Project Number: [none]
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Water Analysis (Metals) Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Control Limits		
									Percent Recovery	RPD	Percent Recovery Lab Quals
Manganese	BPD0509	BPD0509-DUP1	Duplicate	ND	ND		ug/L			20	
		BPD0509-MS1	Matrix Spike	ND	210.99	204.08	ug/L		103		75 - 125
		BPD0509-MSD1	Matrix Spike Duplicate	ND	225.55	204.08	ug/L	7.48	111	20	75 - 125



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260) Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quais
										Percent Recovery	RPD	
Benzene	BPD0578	BPD0578-BS1	LCS	24.110	25.000	0.50	ug/L	96.4		70 - 130		
Bromodichloromethane	BPD0578	BPD0578-BS1	LCS	24.190	25.000	0.50	ug/L	96.8		70 - 130		
Chlorobenzene	BPD0578	BPD0578-BS1	LCS	23.990	25.000	0.50	ug/L	96.0		70 - 130		
Chloroethane	BPD0578	BPD0578-BS1	LCS	23.500	25.000	0.50	ug/L	94.0		70 - 130		
1,4-Dichlorobenzene	BPD0578	BPD0578-BS1	LCS	24.820	25.000	0.50	ug/L	99.3		70 - 130		
1,1-Dichloroethane	BPD0578	BPD0578-BS1	LCS	22.750	25.000	0.50	ug/L	91.0		70 - 130		
1,1-Dichloroethene	BPD0578	BPD0578-BS1	LCS	23.460	25.000	0.50	ug/L	93.8		70 - 130		
Toluene	BPD0578	BPD0578-BS1	LCS	25.060	25.000	0.50	ug/L	100		70 - 130		
Trichloroethene	BPD0578	BPD0578-BS1	LCS	27.230	25.000	0.50	ug/L	109		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPD0578	BPD0578-BS1	LCS	9.9100	10.000		ug/L	99.1		76 - 114		
Toluene-d8 (Surrogate)	BPD0578	BPD0578-BS1	LCS	10.050	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPD0578	BPD0578-BS1	LCS	9.6300	10.000		ug/L	96.3		86 - 115		



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

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Water Analysis (General Chemistry) Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Nitrate as N	BPD0433	BPD0433-BS1	LCS	5.0880	5.0000	0.50	mg/L	102		90 - 110		
Sulfate	BPD0433	BPD0433-BS1	LCS	103.43	100.00	1.0	mg/L	103		90 - 110		
Iron (II) Species	BPD0506	BPD0506-BS1	LCS	1864.1	2000.0	100	ug/L	93.2		90 - 110		
Total Alkalinity as CaCO3	BPD0863	BPD0863-BS1	LCS	97.930	100.00	2.5	mg/L	97.9		90 - 110		



TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: Anju Farfan	Reported: 04/20/06 11:10
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Water Analysis (Metals)
Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Manganese	BPD0509	BPD0509-BS1	LCS	222.17	200.00	10	ug/L	111		85 - 115		



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260) Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.12	
Bromobenzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.17	
Bromochloromethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.25	
Bromodichloromethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.12	
Bromoform	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.33	
Bromomethane	BPD0578	BPD0578-BLK1	ND	ug/L	1.0	0.21	
n-Butylbenzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.13	
sec-Butylbenzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.11	
tert-Butylbenzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.11	
Carbon tetrachloride	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.15	
Chlorobenzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.12	
Chloroethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.38	
Chloroform	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.11	
Chloromethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.17	
2-Chlorotoluene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.17	
4-Chlorotoluene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.17	
Dibromochloromethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.11	
1,2-Dibromo-3-chloropropane	BPD0578	BPD0578-BLK1	ND	ug/L	1.0	0.69	
1,2-Dibromoethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.24	
Dibromomethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.19	
1,2-Dichlorobenzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.11	
1,3-Dichlorobenzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.14	
1,4-Dichlorobenzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.14	
Dichlorodifluoromethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.20	
1,1-Dichloroethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.13	

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 Project: 0353
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 Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
1,2-Dichloroethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.25	
1,1-Dichloroethene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.15	
cis-1,2-Dichloroethene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.20	
trans-1,2-Dichloroethene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.19	
Total 1,2-Dichloroethene	BPD0578	BPD0578-BLK1	ND	ug/L	1.0	0.38	
1,2-Dichloropropane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.16	
1,3-Dichloropropane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.18	
2,2-Dichloropropane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.14	
1,1-Dichloropropene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.18	
cis-1,3-Dichloropropene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.13	
trans-1,3-Dichloropropene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.15	
Total 1,3-Dichloropropene	BPD0578	BPD0578-BLK1	ND	ug/L	1.0	0.26	
Ethylbenzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.12	
Hexachlorobutadiene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.28	
Isopropylbenzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.20	
p-Isopropyltoluene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.12	
Methylene chloride	BPD0578	BPD0578-BLK1	ND	ug/L	1.0	0.44	
Methyl t-butyl ether	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.12	
Naphthalene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.13	
n-Propylbenzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.13	
Styrene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.16	
1,1,1,2-Tetrachloroethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.12	
1,1,1,2,2-Tetrachloroethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.23	
Tetrachloroethene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.18	
Toluene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.15	

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 Project: 0353
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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
1,2,3-Trichlorobenzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.15	
1,2,4-Trichlorobenzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.11	
1,1,1-Trichloroethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.16	
1,1,2-Trichloroethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.14	
Trichloroethene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.18	
Trichlorofluoromethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.20	
1,2,3-Trichloropropane	BPD0578	BPD0578-BLK1	ND	ug/L	1.0	0.55	
1,1,2-Trichloro-1,2,2-trifluoroethane	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.18	
1,2,4-Trimethylbenzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.11	
1,3,5-Trimethylbenzene	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.11	
Vinyl chloride	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.16	
Total Xylenes	BPD0578	BPD0578-BLK1	ND	ug/L	1.0	0.37	
t-Amyl Methyl ether	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.49	
t-Butyl alcohol	BPD0578	BPD0578-BLK1	ND	ug/L	10	10	
Diisopropyl ether	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.25	
Ethanol	BPD0578	BPD0578-BLK1	ND	ug/L	250	110	
Ethyl t-butyl ether	BPD0578	BPD0578-BLK1	ND	ug/L	0.50	0.25	
Total Purgeable Petroleum Hydrocarbons	BPD0578	BPD0578-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BPD0578	BPD0578-BLK1	108	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPD0578	BPD0578-BLK1	101	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPD0578	BPD0578-BLK1	99.9	%	86 - 115 (LCL - UCL)		



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Project: 0353
Project Number: [none]
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Water Analysis (General Chemistry) Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Nitrate as N	BPD0433	BPD0433-BLK1	ND	mg/L	0.50	0.018	
Sulfate	BPD0433	BPD0433-BLK1	ND	mg/L	1.0	0.11	
Iron (II) Species	BPD0506	BPD0506-BLK1	ND	ug/L	100	100	
Iron (III) Species	BPD0529	BPD0529-BLK1	ND	ug/L	100	100	
Total Alkalinity as CaCO3	BPD0863	BPD0863-BLK1	ND	mg/L	2.5	2.5	



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Project: 0353
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/20/06 11:10

Water Analysis (Metals)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Manganese	BPD0509	BPD0509-BLK1	ND	ug/L	10	5.7	



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Project: 0353
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Notes and Definitions

- V11 The Continuing Calibration Verification (CCV) recovery is not within established control limits.
- J Estimated value
- A01 PQL's and MDL's are raised due to sample dilution.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

Submission #: 06-03445

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify)

SHIPPING CONTAINER

Ice Chest None
 Box Other (Specify)

Refrigerant: Ice Blue Ice None Other Comments:

Custody Seals: Ice Chest Containers None Comments:
 Intact? Yes No Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received
 YES NO

Ice Chest ID 81w
 Temperature: 5.7 °C
 Thermometer ID: 48

Emissivity 1.0
 Container VOA

Date/Time 4/10/06
 Analyst Init ARM

SAMPLE CONTAINERS	SAMPLE NUMBERS											
	1	2	3	4	5	6	7	8	9	10		
QT GENERAL MINERAL/ GENERAL PHYSICAL	D	D	D	84/10/06								
PT PE UNPRESERVED												
QT INORGANIC CHEMICAL METALS												
PT INORGANIC CHEMICAL METALS	B	B	B									
PT CYANIDE												
PT NITROGEN FORMS												
PT TOTAL SULFIDE												
2oz. NITRATE / NITRITE												
100ml TOTAL ORGANIC CARBON												
QT TOX												
PT CHEMICAL OXYGEN DEMAND												
PTA PHENOLICS												
40ml VOA VIAL TRAVEL BLANK												
40ml VOA VIAL	A.4.	A.4.	B.4.	A.4.	A.4.	A.4.	B.4.	B.4.				
QT EPA 413.1, 413.2, 418.1												
PT ODOR												
RADIOLOGICAL												
BACTERIOLOGICAL												
40 ml VOA VIAL- 504												
QT EPA 508/608/8080												
QT EPA 515.1/8150												
QT EPA 525												
QT EPA 525 TRAVEL BLANK												
100ml EPA 547												
100ml EPA 531.1												
QT EPA 548												
QT EPA 549												
QT EPA 632												
QT EPA 8015M												
QT OAIQC												
QT AMBER												
1 OZ. JAR												
1/2 OZ. JAR												
SOIL SLEEVE												
PCB VIAL												
PLASTIC BAG												
FERROUS IRON	C	C	C									
ENCORE												

CHK BY DISTRIBUTION
 ANALYST SIGNATURE
 SUB-OUT

SHORT HOLDING TIME
 Cr⁶⁺ W₂ NO₃ OF SS
 DO BOD MBAS O O T

Comments:
 Sample Numbering Completed By: ARM Date/Time: 4/10/06 2310

SHORT HOLDING TIME

BC LABORATORIES, INC.

4100 Atlas Court □ Bakersfield, CA 93308
(661) 327-4911 □ FAX (661) 327-1918

CHAIN OF CUSTODY

Analysis Requested

#06-03945

Circle one: Phillips 66 / Unocal	Consultant Firm: TRC	MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Waste-water Sludge	BTEX/MTBE by 8021B, Gas by 8015 TPH GAS by 8015M TPH DIESEL by 8015 8260 full list w/ MTBE & oxygenates BTEX/MTBE/OXYS BY 8260B ETHANOL by 8260B TPPH by 8260B	FULL SCAN 8260B INCLUDING OXYS DISSOLVED MANGANESE, FERROUS IRON	FERRIC IRON, NITRATE, SULFATE, TOTAL ALKALINITY
Address: 200 S. Central Ave.	21 Techology Drive Irvine, CA 92618-2302 Attn: Anju Farfan				
City: Glendale	4-digit site#: 0353 Workorder # 4711TRC502				
State: CA Zip:	Project #: 20040083				
Phillips 66 / Unocal Mgr: Shari London	Sampler Name: Baltazar				

Lab#	Sample Description	Field Point Name	Date & Time Sampled	(GW)	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ MTBE & oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPPH by 8260B	FULL SCAN 8260B INCLUDING OXYS DISSOLVED MANGANESE, FERROUS IRON	FERRIC IRON, NITRATE, SULFATE, TOTAL ALKALINITY	Turnaround Time Requested
BC	MW-4 -1	0353	4/10/06 0730							X	X	X	X	24 hour Holding Time
	MW-3A -2		0918							X	X	X	X	
	MW-7 -3		1020							X	X	X	X	
	MW-8 -4		0547							X	X	X	X	
	MW-1A -5		1006							X	X	X	X	
	MW-2 -6		0840							X	X	X	X	
	MW-5 -7		1001							X	X	X	X	
	MW-6 -8		0805							X	X	X	X	

Comments: GLOBAL ID: 10003728619	Relinquished by: (Signature)	Received by:	Date & Time
	Relinquished by: (Signature)	Received by:	Date & Time
	Relinquished by: (Signature)	Received by:	Date & Time

(A) = ANALYSIS (C) = CONTAINER (P) = PRESERVATIVE

LA

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.
Not Required

Manifest Document No.
00001

2. Page 1 of

5475

-1

3. Generator's Name and Mailing Address
Conoco - Phillips Oil Company

600 N. Dairy Ashford, Houston Tx. 77079

4. Generator's Phone () **281-283-1684**

5. Transporter 1 Company Name
Pacific Technical Services

6. US EPA ID Number
CARD00159806

A. Transporter's Phone
562-984-3018

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Crosby & Overtun

**1630 W. 16th St.
Long Beach CA 90813**

10. US EPA ID Number
CAD028409019

C. Facility's Phone
562-432-5445

11. Waste Shipping Name and Description

12. Containers
No. Type

13. Total Quantity

14. Unit Wt/Vol

a. **Non Hazardous Waste Liquids**

001

TT

342 G

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

11a. Profile #: **25803**

E. Handling Codes for Wastes Listed Above

A. **15** B.
C. D.

15. Special Handling Instructions and Additional Information

Wear proper protective equipment while handling. Weights or volumes are approximate. 24-hour emergency telephone number (562) 984-3018

Site # **0353** Location: **200 S. CENTRE AVE, GLENDALE CA**

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
Gordon Clammer Agent for Conoco / Phillips Oil

Signature
[Signature]

Month Day Year
04 18 06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
AI LOBOS

Signature
[Signature]

Month Day Year
04 18 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name
10-7 MPA

Signature
[Signature]

Month Day Year
04 18 06

TRANSPORTER # 1

GENERATOR

TRANSPORTER

FACILITY

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.
Not Required

Manifest Document No.
00001

2. Page 1
of

5181

- 1

3. Generator's Name and Mailing Address
Conoco - Phillips Oil Company
600 N. Dairy Ashford, Houston Tx. 77078

4. Generator's Phone () **281-293-1664**

5. Transporter 1 Company Name
Pacific Technical Services

6. US EPA ID Number
CAR000159806

A. Transporter's Phone
582-884-3018

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Crosby & Overton
1830 W. 16th St.
Long Beach CA 90810

10. US EPA ID Number
CAD028409010

C. Facility's Phone
582-432-5445

11. Waste Shipping Name and Description

12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

a. **Non Hazardous Waste Liquids**

001

TT

343

G

D. Additional Descriptions for Materials Listed Above
11a. Profile #: **25903 - Groundwater**
Appointment Time: **0900 Hours**

E. Handling Codes for Wastes Listed Above
A. **15** B.
C. D.

15. Special Handling Instructions and Additional Information

Wear proper protective equipment while handling. Weights or volumes are approximate. 24-hour emergency telephone number (562) 984-3018
Site # **0353** Location: **200 S. CENTRAL, GLENDALE CA**

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
Gordon Clemmer Agent for Conoco / Phillips Oil

Signature *[Signature]* Month **01** Day **24** Year **06**

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
AL LOBOS

Signature *[Signature]* Month **01** Day **24** Year **06**

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name
JOHN ANNUNDA

Signature *[Signature]* Month Day Year

TRANSPORTER # 1

GENERATOR

TRANSPORTER

FACILITY

LIMITATIONS

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.